

Converting Colors

XYZ(75.4289, 90.1526, 92.5991)

Have a look what the booklet for
XYZ(75.4289, 90.1526, 92.5991)
contains.

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Color

**XYZ(75.5289, 90.2726,
92.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFFEC
RGB	203, 255, 236
RGB Percent	80%, 100%, 93%
CMY	0.2039, 0.0000, 0.0745
CMYK	0.20, 0.00, 0.07, 0.00
HSL	158°, 100%, 90%
HSV	158°, 20%, 100%
XYZ	75.5289, 90.2726, 92.8004
YIQ	237.2860, -24.8930, -16.9330

Conversions

Conversions Part 2

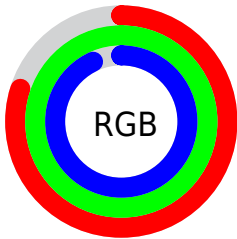
Format	Color
R_{YB}	203, 235, 255
Decimal	13369324
CIE _{Lab}	96.11, -20.11, 3.67
CIE _{LCh}	96, 20.442, 169.661
Yxy	90.2726, 0.2921, 0.3491
Android (android.graphics.Color)	4291559404 (0xFFCBBFEC)
YUV	237.2860, -0.6340, -30.0688
Hunter-Lab	95.0119, -24.3738, 8.5984

Details

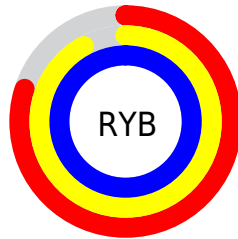
The XYZ color **75.5289, 90.2726, 92.8004** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7813, 69.2469, 78.4794**, and the grayscale version is **80.7347, 84.9392, 92.4988**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6450, 49.9794, 50.6848** is the 20% darker color. If you saturate the color by 10%, you get **67.8278, 86.4549, 85.5579**, and if you desaturate by 10%, it is **84.4446, 94.7083, 100.4713**.

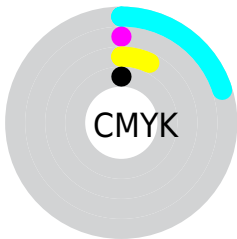
Distribution



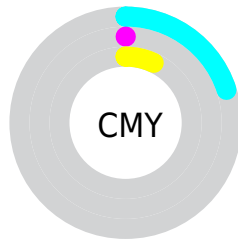
- Red (80%)
- Green (100%)
- Blue (93%)



- Red (80%)
- Yellow (92%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5289, 90.2726, 92.8004 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.5289, 90.2726, 92.8004 by changing the saturation by 10% instead.

75.5289, 90.2726,
92.8004

75.5289, 90.2726,
92.8004

468.7027,
528.9172, 557.9024

56.3420, 68.2068,
69.7189

126.0447,
147.7170, 153.1916

40.7153, 50.0660,
50.8220

158.1042,
183.8643, 191.3383

28.2833, 35.4658,
35.6912

195.1854,
225.4743, 235.3438

18.6809, 24.0219,
23.9080

237.6535,
272.9313, 285.6266

11.5426, 15.3499,
15.0538

285.8740,
326.6196, 342.6054

6.5030, 9.0653,
8.7101

340.2121,

3.1968, 4.7838,

386.9238, 406.6986

4.4584

401.0332,
454.2282, 478.3247

■ 1.2587, 2.1210,
1.8800

■ 0.1520, 0.6764,
0.4800

■ 75.5289, 90.2726,
92.8004

■ 75.5289, 90.2726,
92.8004

■ 67.8278, 86.4549,
85.5579

■ 84.4446, 94.7083,
100.4713

■ 61.2817, 83.2246,
78.7311

94.6252, 99.7878,
108.5740

■ 55.8299, 80.5505,
72.3129

95.0500, 100.0000,
108.9000

■ 51.4051, 78.3980,
66.2944

■ 47.9318, 76.7285,
60.6660

■ 45.3240, 75.4976,
55.4176

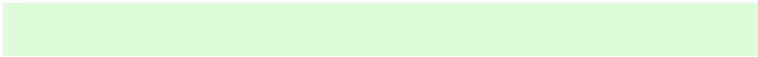
■ 43.4789, 74.6525,
50.5381

■ 42.2667, 74.1227,
46.1836

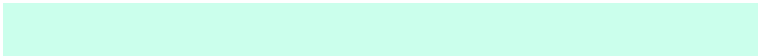
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7663, 90.2726, 79.4557



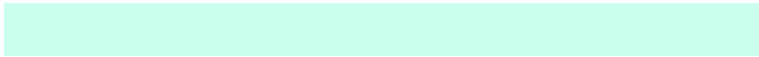
75.5289, 90.2726, 92.8004



75.9504, 90.2726, 109.1618

Triad

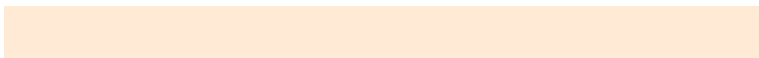
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5289, 90.2726, 92.8004



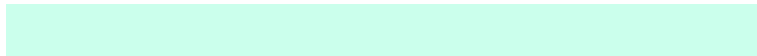
89.5175, 90.2726, 130.6801



93.0446, 90.2726, 76.3860

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



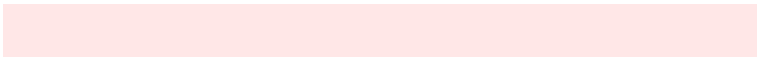
75.5289, 90.2726, 92.8004



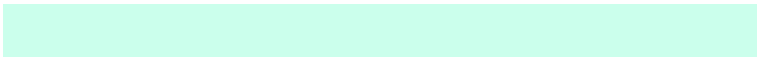
75.7813, 69.2469, 78.4794

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4694, 90.2726, 88.1680



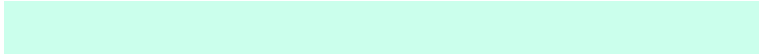
75.5289, 90.2726, 92.8004



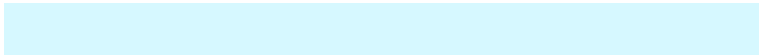
94.3718, 90.2726, 119.8911

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5289, 90.2726, 92.8004



83.8620, 90.2726, 132.2727



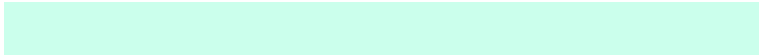
96.9655, 90.2726, 103.9951



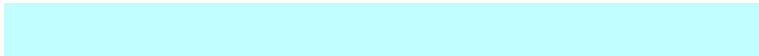
87.7705, 90.2726, 70.6939

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



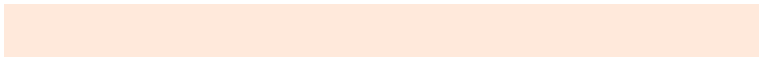
75.5289, 90.2726, 92.8004



77.6888, 90.2726, 119.5690



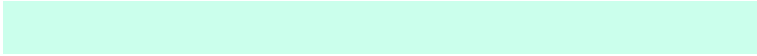
96.9655, 90.2726, 103.9951



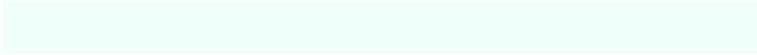
94.4600, 90.2726, 79.7010

Sweetspot

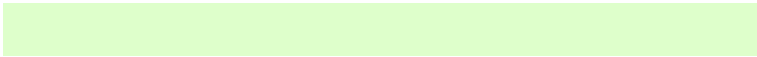
The Sweet Spot groups the original color and five complimentary colors.



75.5298, 90.2731, 92.8019



88.7563, 96.8580, 103.9756



76.6848, 91.3722, 70.0962



18.8569, 20.6614, 22.1424



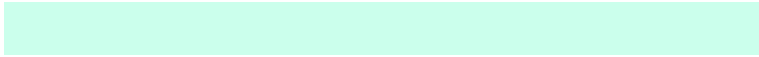
0.0000, 0.0000, 0.0000



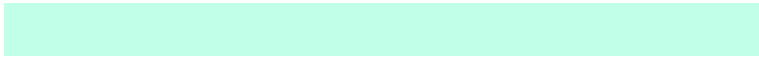
20.3446, 21.4041, 23.3091

Same Dimension

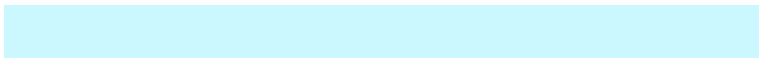
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5298, 90.2731, 92.8019



72.6134, 88.8255, 90.1391



76.2672, 87.0928, 107.3986



18.2567, 20.3622, 21.6550



22.1595, 38.7604, 24.5232



2.2102, 3.7950, 2.6646

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.7813, 69.2469, 78.4794



72.9027, 64.7208, 73.7244



75.0504, 71.6331, 66.3723



18.2837, 18.0968, 20.1110



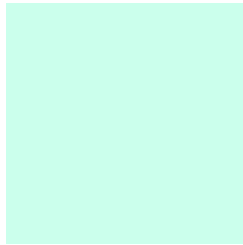
22.6504, 11.5494, 6.8093



2.2557, 1.1447, 0.9281

Previews

White Background



This preview shows how the XYZ color 75.5289, 90.2726, 92.8004 looks on a white background.

Color Contrast Check

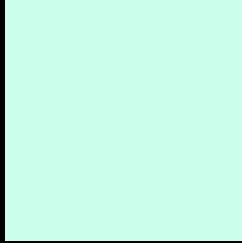
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.5289, 90.2726, 92.8004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

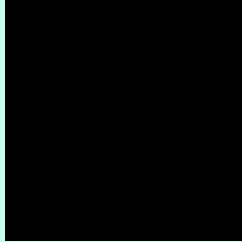
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

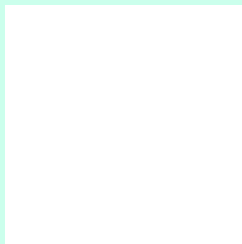
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5289, 90.2726, 92.8004

Background



This preview shows how black text looks on a background with the XYZ color 75.5289, 90.2726, 92.8004.



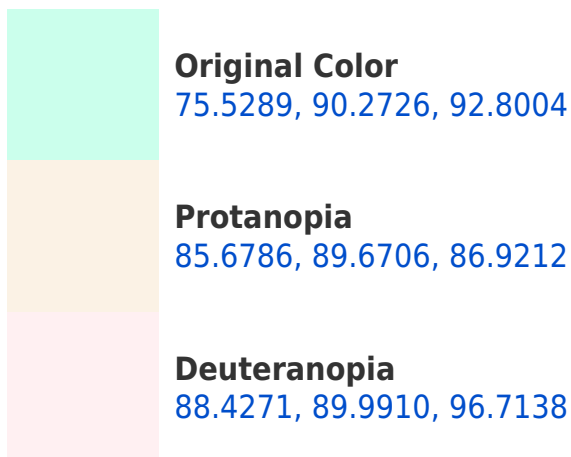
This preview shows how white text looks on a background with the XYZ color 75.5289, 90.2726,

92.8004.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

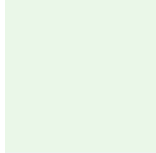
83.6389, 89.9545, 107.5625

Trichromacy



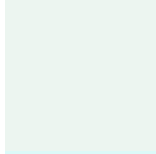
Original Color

75.5289, 90.2726, 92.8004



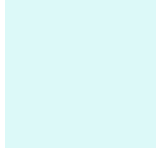
Protanomaly

81.7579, 89.8401, 89.3757



Deuteranomaly

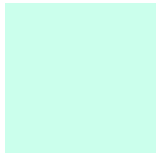
82.9727, 89.4290, 95.3265



Tritanomaly

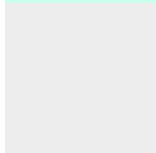
80.3342, 89.7443, 101.8953

Monochromacy



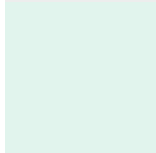
Original Color

75.5289, 90.2726, 92.8004



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.6881, 86.8233, 92.7320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5289, 90.2726, 92.8004 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.5289, 90.2726, 92.8004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 255, 236) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(203, 255, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(203, 255, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5289, 90.2726, 92.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
255, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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