

Converting Colors

XYZ(85.4505, 110.2899,
85.7766)

Have a look what the booklet for
XYZ(85.4505, 110.2899, 85.7766)
contains.

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Color

**XYZ(75.5232, 90.4956,
82.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFDE
RGB	210, 255, 222
RGB Percent	82%, 100%, 87%
CMY	0.1765, 0.0000, 0.1294
CMYK	0.18, 0.00, 0.13, 0.00
HSL	136°, 100%, 91%
HSV	136°, 18%, 100%
XYZ	75.5232, 90.4956, 82.5941
YIQ	237.7830, -16.2270, -19.8030

Conversions

Conversions Part 2

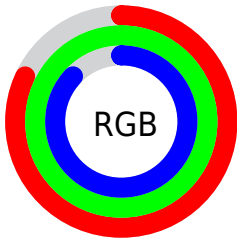
Format	Color
RYB	210, 246, 255
Decimal	13828062
CIELab	96.20, -20.52, 11.05
CIELCh	96, 23.306, 151.695
Yxy	90.4956, 0.3038, 0.3640
Android (android.graphics.Color)	4292018142 (0xFFD2FFDE)
YUV	237.7830, -7.7810, -24.3657
Hunter-Lab	95.1292, -24.7646, 15.1130

Details

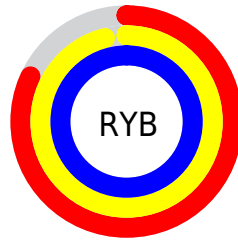
The XYZ color **75.5232, 90.4956, 82.5941** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.4647, 73.8251, 94.8027**, and the grayscale version is **81.1671, 85.3941, 92.9941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6867, 50.1467, 44.0941** is the 20% darker color. If you saturate the color by 10%, you get **66.4632, 86.0987, 69.8047**, and if you desaturate by 10%, it is **86.0195, 95.6008, 96.9047**.

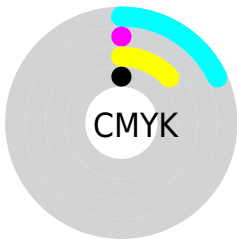
Distribution



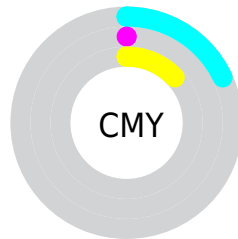
- Red (82%)
- Green (100%)
- Blue (87%)



- Red (82%)
- Yellow (96%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5232, 90.4956, 82.5941 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 75.5232, 90.4956, 82.5941 by changing the saturation by 10% instead.


 75.5232, 90.4956,
82.5941

 75.5232, 90.4956,
82.5941


468.6835,
529.6417, 523.5683

 56.3373, 68.3918,
61.3167


126.0367,
148.0266, 138.8510

 40.7115, 50.2165,
44.0486


158.0949,
184.2226, 174.6675

 28.2804, 35.5855,
30.3712

195.1747,
225.8847, 216.1675

 18.6787, 24.1142,
19.8661

237.6413,
273.3974, 263.7695

 11.5409, 15.4184,
12.1146

285.8601,
327.1451, 317.8920

 6.5019, 9.1135,
6.6983

340.1965,

 3.1961, 4.8153,

387.5121, 378.9537

3.1986

401.0159,
454.8828, 447.3729

■ 1.2583, 2.1393,
1.1969

■ 0.1517, 0.6866,
0.0000

■ 75.5232, 90.4956,
82.5941

■ 75.5232, 90.4956,
82.5941

■ 66.4632, 86.0987,
69.8047

■ 86.0195, 95.6008,
96.9047

■ 58.7735, 82.3771,
58.4820

95.0500, 100.0000,
108.9000

■ 52.3863, 79.2971,
48.5745

■ 47.2270, 76.8212,
40.0263

■ 43.2130, 74.9082,
32.7775

■ 40.2513, 73.5114,
26.7636

■ 38.2331, 72.5763,
21.9147

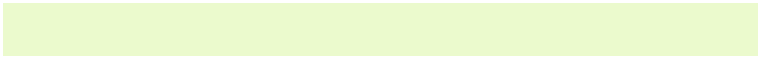
■ 37.0181, 72.0319,
18.1528

■ 36.8035, 71.9374,
17.4149

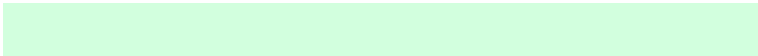
Harmonies

Analogous

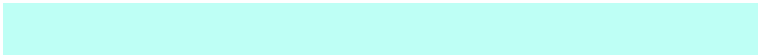
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6442, 90.4956, 71.2329



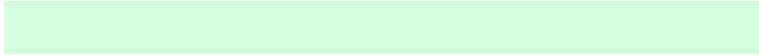
75.5232, 90.4956, 82.5941



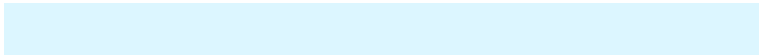
74.1730, 90.4956, 99.5912

Triad

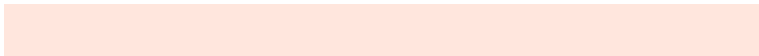
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5232, 90.4956, 82.5941



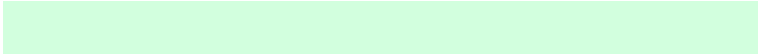
86.3816, 90.4956, 138.5901



97.0335, 90.4956, 80.9831

Complementary

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



75.5232, 90.4956, 82.5941



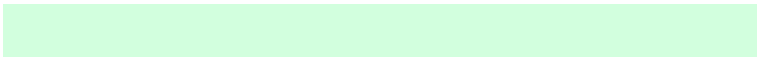
80.4647, 73.8251, 94.8027

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.



99.0511, 90.4956, 97.4850



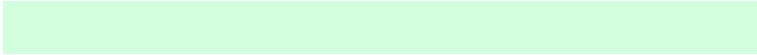
75.5232, 90.4956, 82.5941



92.7133, 90.4956, 132.0480

Square

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



75.5232, 90.4956, 82.5941



80.2508, 90.4956, 133.3322



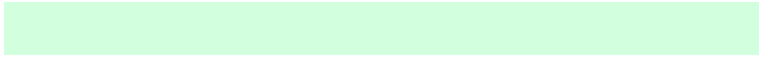
97.4325, 90.4956, 116.4039



92.0454, 90.4956, 70.3880

Rectangle

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



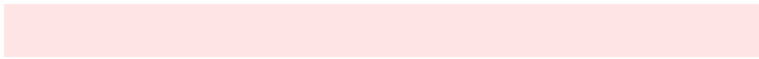
75.5232, 90.4956, 82.5941



74.9689, 90.4956, 112.2938



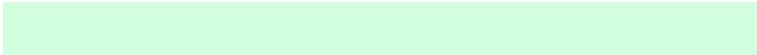
97.4325, 90.4956, 116.4039



98.0925, 90.4956, 85.9474

Sweetspot

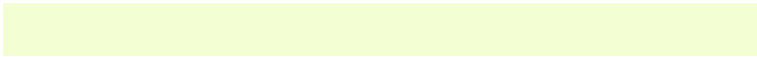
The Sweet Spot groups the original color and five complimentary colors.



75.5239, 90.4959, 82.5955



89.0447, 97.0739, 100.9515



84.3554, 95.2280, 74.9088



18.8851, 20.6930, 21.3755



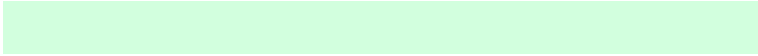
0.0000, 0.0000, 0.0000



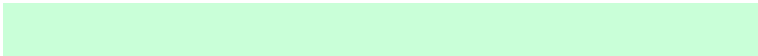
20.3446, 21.4041, 23.3091

Same Dimension

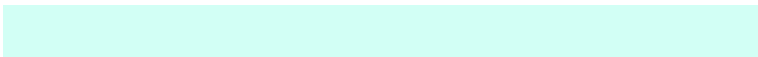
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5239, 90.4959, 82.5955



72.3284, 88.9439, 78.1391



78.7441, 91.7840, 99.5527



17.9705, 20.2477, 20.1474



19.2830, 37.6098, 9.3754



1.9205, 3.6791, 1.1393

Inverse Universe

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



80.4647, 73.8251, 94.8027



78.0670, 69.5775, 92.3147



77.2718, 72.5480, 77.9893



18.5737, 18.2128, 21.6384



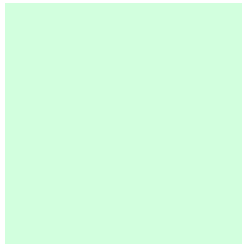
26.3007, 13.0096, 26.0316



2.6062, 1.2848, 2.7735

Previews

White Background



This preview shows how the XYZ color 75.5232, 90.4956, 82.5941 looks on a white background.

Color Contrast Check

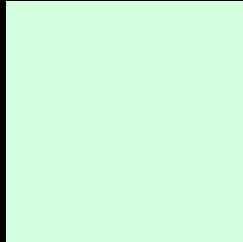
Large Text (above 18pt) WCAG AA × Fail

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 75.5232, 90.4956, 82.5941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

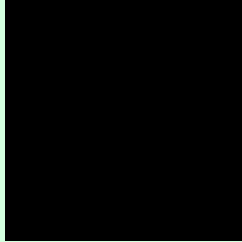
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

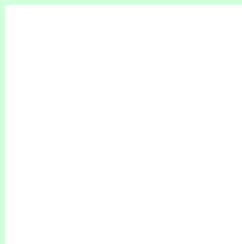
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5232, 90.4956, 82.5941

Background



This preview shows how black text looks on a background with the XYZ color 75.5232, 90.4956, 82.5941.



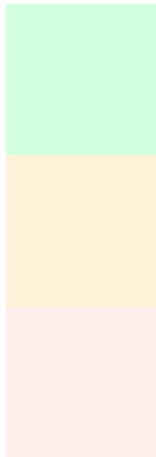
This preview shows how white text looks on a background with the XYZ color 75.5232, 90.4956,

82.5941.

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



Original Color

75.5232, 90.4956, 82.5941

Protanopia

85.3183, 90.1299, 77.8658

Deuteranopia

87.6862, 89.6946, 92.8120



Tritanopia

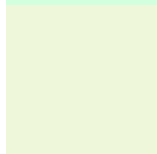
84.6100, 90.4552, 107.6079

Trichromacy



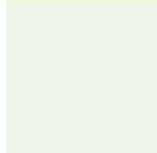
Original Color

75.5232, 90.4956, 82.5941



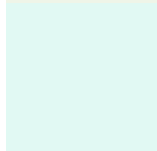
Protanomaly

81.1755, 89.7606, 79.3768



Deuteranomaly

82.8145, 89.4817, 89.2508



Tritanomaly

81.1047, 90.2300, 97.9355

Monochromacy



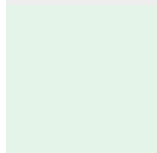
Original Color

75.5232, 90.4956, 82.5941



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.9111, 87.0215, 88.9817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5232, 90.4956, 82.5941 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(210, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 222)  
}
```

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(210, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 75.5232, 90.4956, 82.5941 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(210, 255, 222) }
```


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

```
.border{ border-color:rgb(210, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5232, 90.4956, 82.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 222) }
```

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

```
.background{ background-color: rgb(210,  
255, 222) }
```

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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