

Converting Colors

XYZ(75.5715, 86.7421, 92.1834)

Have a look what the booklet for
XYZ(75.5715, 86.7421, 92.1834)
contains.

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Color

**XYZ(75.5525, 86.5747,
92.0854)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F7EC
RGB	212, 247, 236
RGB Percent	83%, 97%, 93%
CMY	0.1686, 0.0314, 0.0745
CMYK	0.14, 0.00, 0.04, 0.03
HSL	161°, 69%, 90%
HSV	161°, 14%, 97%
XYZ	75.5525, 86.5747, 92.0854
YIQ	235.2810, -17.3290, -10.8410

Conversions

Conversions Part 2

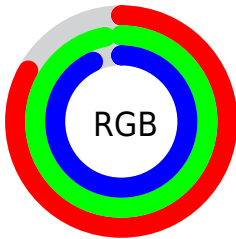
Format	Color
R _{YB}	212, 233, 247
Decimal	13957100
CIE Lab	94.56, -13.37, 1.48
CIE LCh	95, 13.453, 173.681
Yxy	86.5747, 0.2972, 0.3406
Android (android.graphics.Color)	4292147180 (0xFFD4F7EC)
YUV	235.2810, 0.3545, -20.4174
Hunter-Lab	93.0455, -17.8886, 6.4537

Details

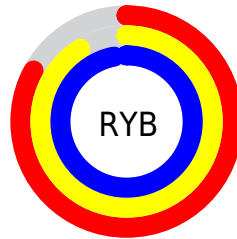
The XYZ color **75.5525, 86.5747, 92.0854** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2237, 72.1912, 79.7856**, and the grayscale version is **79.1886, 83.3125, 90.7273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7736, 47.7250, 50.2429** is the 20% darker color. If you saturate the color by 10%, you get **67.8663, 82.7422, 85.9653**, and if you desaturate by 10%, it is **84.3819, 90.9956, 98.5187**.

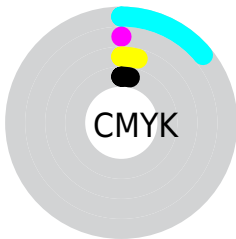
Distribution



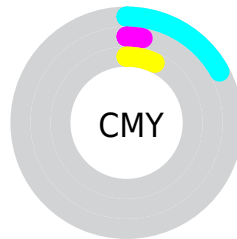
- Red (83%)
- Green (97%)
- Blue (93%)



- Red (83%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5525, 86.5747, 92.0854 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 75.5525, 86.5747, 92.0854 by changing the saturation by 10% instead.

75.5525, 86.5747,
92.0854

75.5525, 86.5747,
92.0854

468.7824,
516.8243, 555.5357

56.3614, 65.1433,
69.1281

126.0779,
142.5712, 152.1925

40.7309, 47.5773,
50.3437

158.1429,
177.9051, 190.1794

28.2956, 33.4923,
35.3134

195.2299,
218.6419, 234.0132

18.6902, 22.5038,
23.6189

237.7042,
265.1661, 284.1125

11.5493, 14.2276,
14.8416

285.9313,
317.8621, 340.8959

6.5076, 8.2791,
8.5629

340.2765,

3.1997, 4.2741,

377.1142, 404.7819

4.3643

401.1050,
443.3068, 476.1889

■ 1.2602, 1.8280,
1.8273

■ 0.1531, 0.5045,
0.4458

■ 75.5525, 86.5747,
92.0854

■ 75.5525, 86.5747,
92.0854

■ 67.8663, 82.7422,
85.9653

■ 84.3819, 90.9956,
98.5187

■ 61.2660, 79.4616,
80.1470

■ 91.9989, 94.7833,
105.1527

■ 55.7003, 76.7088,
74.6268

■ 92.5524, 95.0047,
108.0675

■ 51.1107, 74.4537,
69.3984

■ 47.4327, 72.6633,
64.4556

■ 44.5939, 71.3001,
59.7914

■ 42.5100, 70.3208,
55.3983

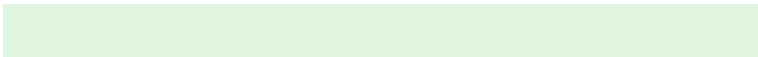
■ 41.0783, 69.6727,
51.2679

■ 40.4574, 69.4027,
48.9759

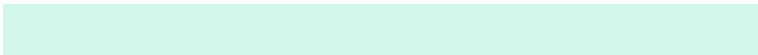
Harmonies

Analogous

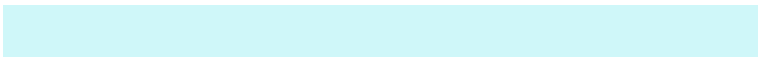
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7982, 86.5747, 82.9312



75.5525, 86.5747, 92.0854



76.0680, 86.5747, 102.5108

Triad

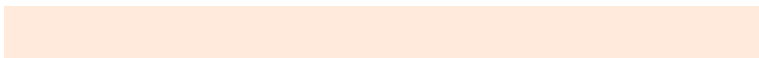
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5525, 86.5747, 92.0854



85.1176, 86.5747, 113.7502



86.4837, 86.5747, 79.0808

Complementary

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



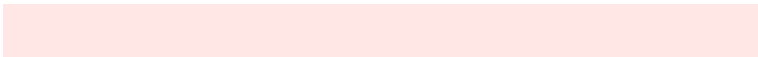
75.5525, 86.5747, 92.0854



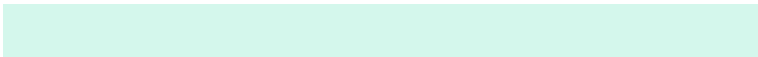
75.2237, 72.1912, 79.7856

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.



88.8353, 86.5747, 86.4739



75.5525, 86.5747, 92.0854



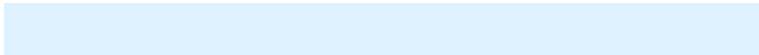
88.0305, 86.5747, 106.5874

Square

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



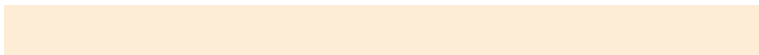
75.5525, 86.5747, 92.0854



81.5220, 86.5747, 115.5268



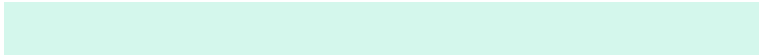
89.4095, 86.5747, 96.4790



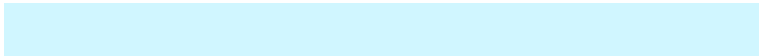
83.0561, 86.5747, 75.7866

Rectangle

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



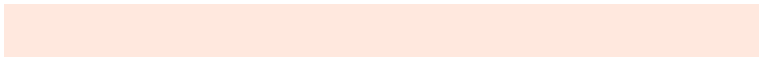
75.5525, 86.5747, 92.0854



77.3489, 86.5747, 108.7323



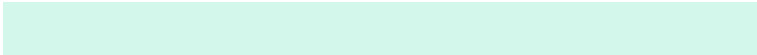
89.4095, 86.5747, 96.4790



87.4302, 86.5747, 81.1417

Sweetspot

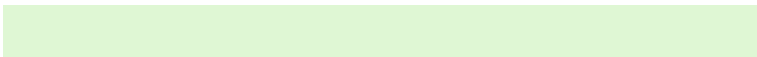
The Sweet Spot groups the original color and five complimentary colors.



75.5549, 86.5783, 92.0873



90.8844, 97.9117, 106.0328



75.6044, 86.9800, 75.0929



19.2902, 20.8756, 22.5813



0.0000, 0.0000, 0.0000



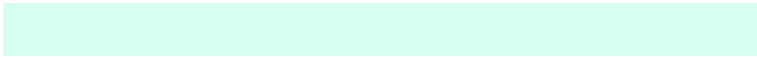
20.3446, 21.4041, 23.3091

Same Dimension

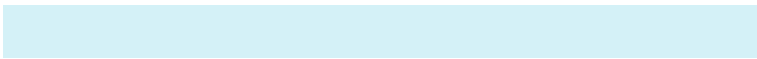
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5549, 86.5783, 92.0873



78.7435, 91.8383, 97.0875



75.2748, 83.3800, 100.1265



16.7620, 18.6639, 20.0312



21.4626, 36.7299, 26.2538



1.9327, 3.2467, 2.5513

Inverse Universe

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



75.2237, 72.1912, 79.7856



78.3246, 73.6236, 81.5154



75.4239, 74.8893, 72.7686



16.7137, 16.5683, 18.2390



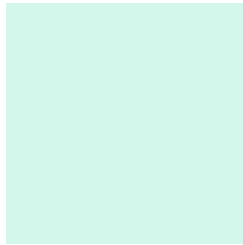
21.0631, 10.7687, 5.0408



1.8957, 0.9643, 0.6774

Previews

White Background



This preview shows how the XYZ color 75.5525, 86.5747, 92.0854 looks on a white background.

Color Contrast Check

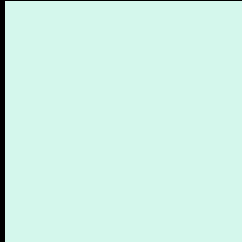
Large Text (above 18pt) WCAG AA × Fail

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 75.5525, 86.5747, 92.0854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

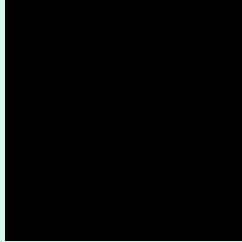
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

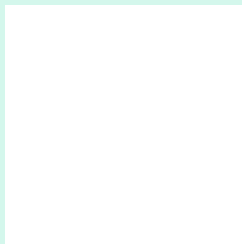
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5525, 86.5747, 92.0854

Background



This preview shows how black text looks on a background with the XYZ color 75.5525, 86.5747, 92.0854.



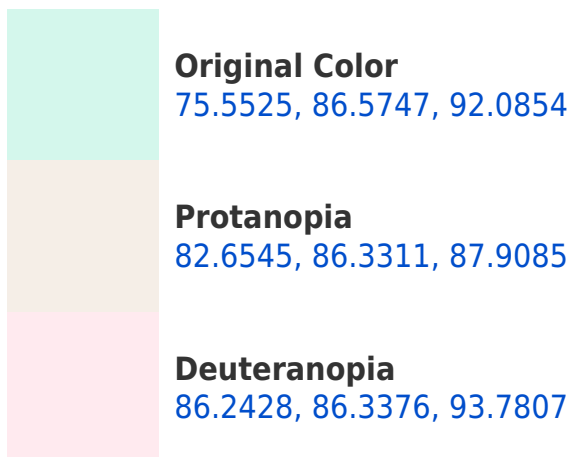
This preview shows how white text looks on a background with the XYZ color 75.5525, 86.5747,

92.0854.

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

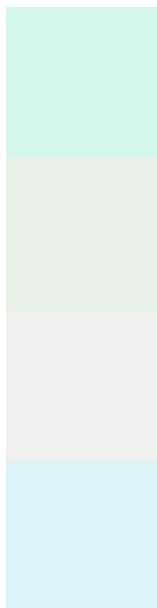




Tritanopia

80.5426, 86.5716, 107.0727

Trichromacy



Original Color

75.5525, 86.5747, 92.0854

Protanomaly

79.7676, 86.1174, 89.5089

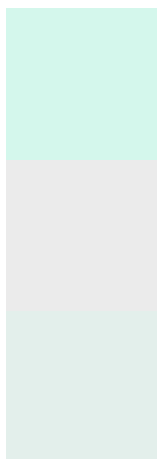
Deuteranomaly

81.8957, 86.2568, 93.2218

Tritanomaly

78.8092, 86.6943, 101.3869

Monochromacy



Original Color

75.5525, 86.5747, 92.0854

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.5405, 84.0621, 90.7360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5525, 86.5747, 92.0854 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(212, 247, 236)` looks like.

```
.text, #text, p{  
    color:rgb(212, 247, 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(212, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.5525, 86.5747, 92.0854 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(212, 247, 236) }
```


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

```
.border{ border-color:rgb(212, 247, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 247, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(212, 247,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5525, 86.5747, 92.0854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 247, 236) }
```

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

```
.background{ background-color: rgb(212,  
247, 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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