

# Converting Colors

XYZ(75.3965, 85.4292, 91.2522)

Have a look what the booklet for  
XYZ(75.3965, 85.4292, 91.2522)  
contains.

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# Color

**XYZ(75.3794, 85.5991,  
91.1466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6F5EB
RGB	214, 245, 235
RGB Percent	84%, 96%, 92%
CMY	0.1608, 0.0392, 0.0784
CMYK	0.13, 0.00, 0.04, 0.04
HSL	161°, 61%, 90%
HSV	161°, 13%, 96%
XYZ	75.3794, 85.5991, 91.1466
YIQ	234.5910, -15.2660, -9.6820

# Conversions

## Conversions Part 2

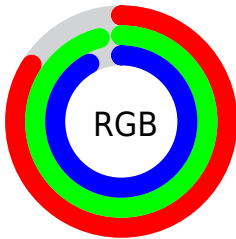
<b>Format</b>	<b>Color</b>
<b>RYB</b>	214, 232, 245
Decimal	14087659
CIELab	94.14, -11.93, 1.41
CIELCh	94, 12.011, 173.273
Yxy	85.5991, 0.2990, 0.3395
Android (android.graphics.Color)	4292277739 (0xFFD6F5EB)
YUV	234.5910, 0.2016, -18.0583
Hunter-Lab	92.5198, -16.4788, 6.3538

# Details

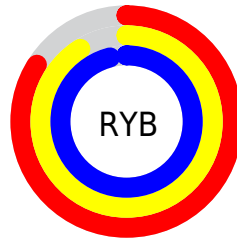
The XYZ color **75.3794, 85.5991, 91.1466** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1604, 72.8898, 80.6328**, and the grayscale version is **78.6636, 82.7602, 90.1259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6324, 47.0208, 49.5822** is the 20% darker color. If you saturate the color by 10%, you get **67.6434, 81.7424, 84.9555**, and if you desaturate by 10%, it is **84.2465, 90.0377, 97.6592**.

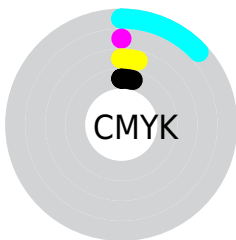
# Distribution



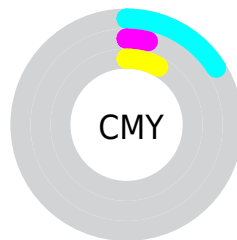
- Red (84%)
- Green (96%)
- Blue (92%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3794, 85.5991, 91.1466 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 75.3794, 85.5991, 91.1466 by changing the saturation by 10% instead.



75.3794, 85.5991,  
91.1466

75.3794, 85.5991,  
91.1466

468.1977,  
513.6084, 552.4197

56.2190, 64.3365,  
68.3530

125.8343,  
141.2099, 150.8795

40.6163, 46.9233,  
49.7165

157.8596,  
176.3269, 188.6558

28.2057, 32.9750,  
34.8186

194.9038,  
216.8309, 232.2633

18.6220, 22.1073,  
23.2407

237.3325,  
263.1061, 282.1208

11.4999, 13.9358,  
14.5644

285.5108,  
315.5371, 338.6466

6.4739, 8.0760,  
8.3710

339.8042,

3.1787, 4.1436,

374.5082, 402.2593

4.2421

400.5781,  
440.4038, 473.3775

■ 1.2489, 1.7542,  
1.7591

■ 0.1445, 0.4584,  
0.4008

■ 75.3794, 85.5991,  
91.1466

■ 75.3794, 85.5991,  
91.1466

■ 67.6434, 81.7424,  
84.9555

■ 84.2465, 90.0377,  
97.6592

■ 60.9826, 78.4320,  
79.0745

■ 91.2770, 93.5212,  
104.3525

■ 55.3475, 75.6445,  
73.4996

■ 91.9440, 93.7880,  
107.8647

■ 50.6813, 73.3509,  
68.2247

■ 46.9219, 71.5192,  
63.2433

■ 43.9994, 70.1135,  
58.5483

■ 41.8334, 69.0924,  
54.1322

■ 40.3266, 68.4058,  
49.9866

■ 39.5325, 68.0594,  
47.1063

# Harmonies

## Analogous

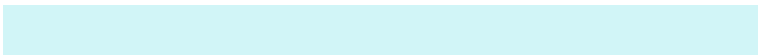
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5096, 85.5991, 83.0219



75.3794, 85.5991, 91.1466



75.8174, 85.5991, 100.3668

# Triad

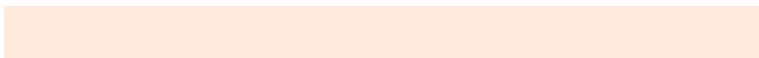
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3794, 85.5991, 91.1466



83.8238, 85.5991, 110.4117



85.1083, 85.5991, 79.7344

# Complementary

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



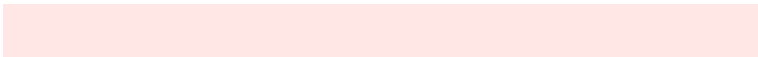
75.3794, 85.5991, 91.1466



75.1604, 72.8898, 80.6328

# 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.



87.1651, 85.5991, 86.3882



75.3794, 85.5991, 91.1466



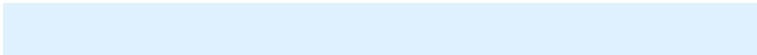
86.4099, 85.5991, 104.1839

# Square

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



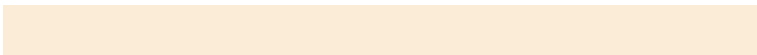
75.3794, 85.5991, 91.1466



80.6382, 85.5991, 111.8931



87.6475, 85.5991, 95.2898



82.0849, 85.5991, 76.7192

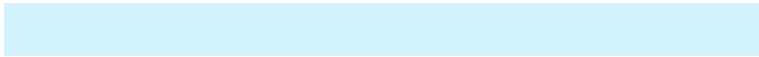


# Rectangle

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



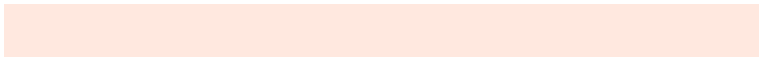
75.3794, 85.5991, 91.1466



76.9455, 85.5991, 105.8592



87.6475, 85.5991, 95.2898



85.9389, 85.5991, 81.5978

# Sweetspot

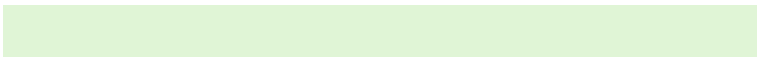
The Sweet Spot groups the original color and five complimentary colors.



75.3818, 85.6027, 91.1485



90.8710, 97.9064, 105.9621



75.6367, 86.0642, 76.2454



19.2868, 20.8742, 22.5634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

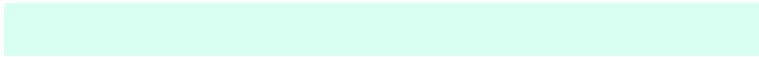


# Same Dimension

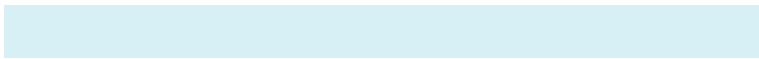
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3818, 85.6027, 91.1485



80.4271, 92.6839, 98.1745



75.3268, 83.1142, 98.4629



16.7560, 18.6615, 19.9992



21.3620, 36.6896, 25.7239



1.9244, 3.2434, 2.5077



# Inverse Universe

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



75.1604, 72.8898, 80.6328



80.1441, 76.4192, 84.7223



75.1716, 75.0200, 74.1381



16.7195, 16.5707, 18.2695



21.1035, 10.7848, 5.2532



1.8999, 0.9659, 0.6990



# Previews

## White Background



This preview shows how the XYZ color 75.3794, 85.5991, 91.1466 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

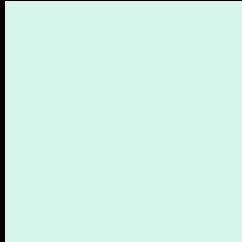
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.3794, 85.5991, 91.1466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

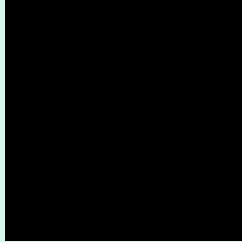
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

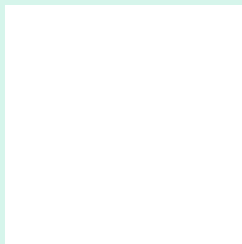
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 75.3794, 85.5991, 91.1466

## Background



This preview shows how black text looks on a background with the XYZ color 75.3794, 85.5991, 91.1466.



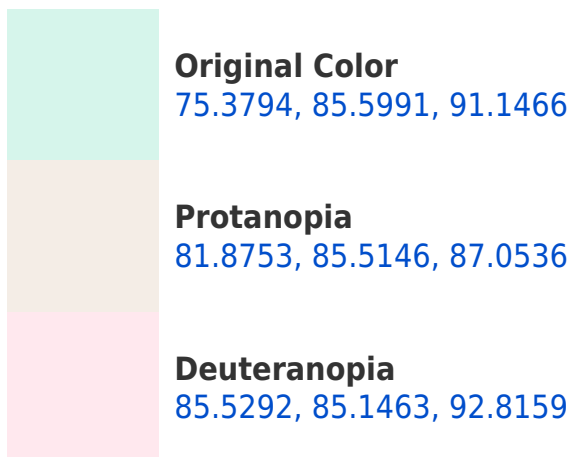
This preview shows how white text looks on a background with the XYZ color 75.3794, 85.5991,

91.1466.

# 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

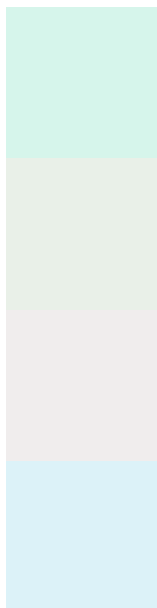




## Tritanopia

79.6415, 85.2282, 106.8609

# Trichromacy



## Original Color

75.3794, 85.5991, 91.1466

## Protanomaly

79.3298, 85.4700, 88.6602

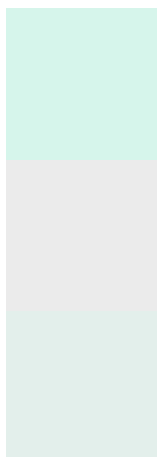
## Deuteranomaly

81.5054, 85.2081, 92.2718

## Tritanomaly

78.2106, 85.4972, 101.1874

# Monochromacy



## Original Color

75.3794, 85.5991, 91.1466

## 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 75.3794, 85.5991, 91.1466 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(214, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 235)  
}
```

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(214, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 235) }
```

## Border

The CSS property to change the border of an element to XYZ 75.3794, 85.5991, 91.1466 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(214, 245, 235) }
```



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

```
.border{ border-color:rgb(214, 245, 235) }
```

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

Here you see how a box with a 4 pixel rgb(214, 245, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
235) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.3794, 85.5991, 91.1466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 235) }
```

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

```
.background{ background-color: rgb(214,  
245, 235) }
```

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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