

Converting Colors

XYZ(75.3848, 85.0540, 91.1245)

Have a look what the booklet for
XYZ(75.3848, 85.0540, 91.1245)
contains.

XYZ(75.3704, 85.1466, 91.0598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.3704, 85.1466,
91.0598)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F4EB
RGB	215, 244, 235
RGB Percent	84%, 96%, 92%
CMY	0.1569, 0.0431, 0.0784
CMYK	0.12, 0.00, 0.04, 0.04
HSL	161°, 57%, 90%
HSV	161°, 12%, 96%
XYZ	75.3704, 85.1466, 91.0598
YIQ	234.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

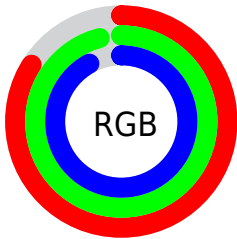
Format	Color
R _Y B	215, 232, 244
Decimal	14152939
CIE Lab	93.95, -11.11, 1.13
CIE LCh	94, 11.166, 174.184
Yxy	85.1466, 0.2996, 0.3385
Android (android.graphics.Color)	4292343019 (0xFFD7F4EB)
YUV	234.3030, 0.3436, -16.9287
Hunter-Lab	92.2749, -15.6818, 6.0832

Details

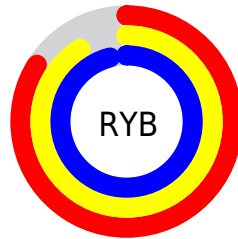
The XYZ color **75.3704, 85.1466, 91.0598** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0662, 73.2180, 80.7009**, and the grayscale version is **78.4435, 82.5287, 89.8738**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6171, 46.6947, 49.5201** is the 20% darker color. If you saturate the color by 10%, you get **67.6622, 81.2990, 85.1087**, and if you desaturate by 10%, it is **84.1986, 89.5709, 97.3102**.

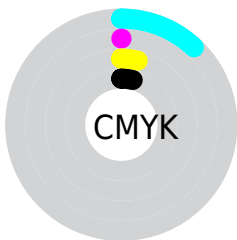
Distribution



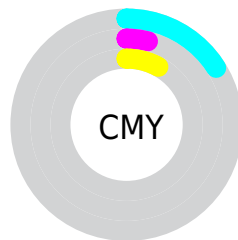
- Red (84%)
- Green (96%)
- Blue (92%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3704, 85.1466, 91.0598 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 75.3704, 85.1466, 91.0598 by changing the saturation by 10% instead.


 75.3704, 85.1466,
91.0598

 75.3704, 85.1466,
91.0598

468.1673,
512.1130, 552.1312

 56.2116, 63.9625,
68.2813


125.8216,
140.5780, 150.7580

 40.6103, 46.6203,
49.6585


157.8448,
175.5941, 188.5148

 28.2010, 32.7356,
34.7729


194.8869,
215.9896, 232.1014

 18.6185, 21.9240,
23.2058

237.3131,
262.1490, 281.9364

 11.4973, 13.8010,
14.5388

285.4889,
314.4567, 338.4384

 6.4721, 7.9824,
8.3534

339.7797,

 3.1776, 4.0837,

373.2970, 402.0258

4.2309

400.5507,
439.0543, 473.1172

■ 1.2484, 1.7205,
1.7528

■ 0.1440, 0.4369,
0.3966

■ 75.3704, 85.1466,
91.0598

■ 75.3704, 85.1466,
91.0598

■ 67.6622, 81.2990,
85.1087

■ 84.1986, 89.5709,
97.3102

■ 61.0190, 77.9928,
79.4459

■ 90.8713, 92.8762,
103.7042

■ 55.3921, 75.2052,
74.0679

■ 91.6423, 93.1846,
107.7641

■ 50.7259, 72.9077,
68.9691

■ 46.9592, 71.0688,
64.1433

■ 44.0237, 69.6534,
59.5842

■ 41.8409, 68.6210,
55.2848

■ 40.3162, 67.9230,
51.2372

■ 39.4443, 67.5414,
48.1303

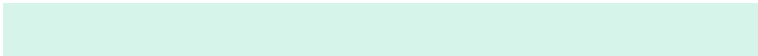
Harmonies

Analogous

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



76.3784, 85.1466, 83.4494



75.3704, 85.1466, 91.0598



75.8220, 85.1466, 99.5853

Triad

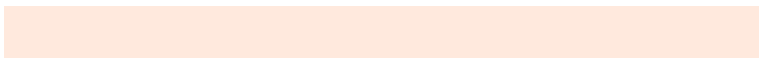
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3704, 85.1466, 91.0598



83.2956, 85.1466, 108.4735



84.3233, 85.1466, 80.0492

Complementary

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



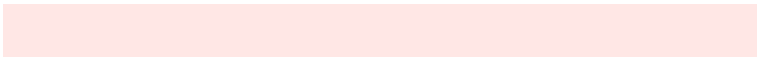
75.3704, 85.1466, 91.0598



75.0662, 73.2180, 80.7009

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.



86.2609, 85.1466, 86.1590



75.3704, 85.1466, 91.0598



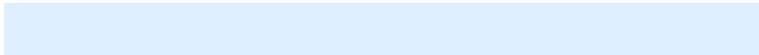
85.6574, 85.1466, 102.6320

Square

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



75.3704, 85.1466, 91.0598



80.3510, 85.1466, 109.9834



86.7550, 85.1466, 94.3804



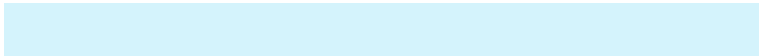
81.5104, 85.1466, 77.3474

Rectangle

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



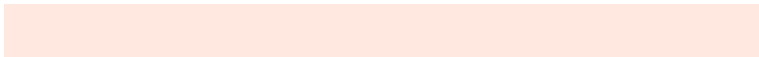
75.3704, 85.1466, 91.0598



76.8959, 85.1466, 104.6042



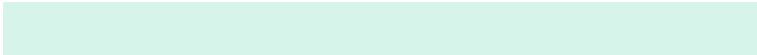
86.7550, 85.1466, 94.3804



85.1014, 85.1466, 81.7537

Sweetspot

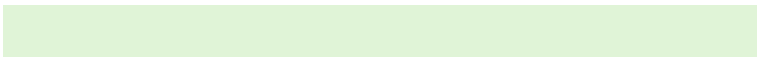
The Sweet Spot groups the original color and five complimentary colors.



75.3728, 85.1502, 91.0617



90.8908, 97.9143, 106.0662



75.4165, 85.4880, 76.8172



19.2919, 20.8762, 22.5897



0.0000, 0.0000, 0.0000



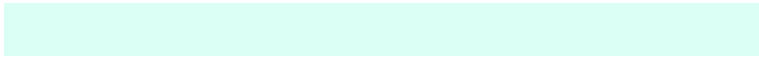
20.3446, 21.4041, 23.3091

Same Dimension

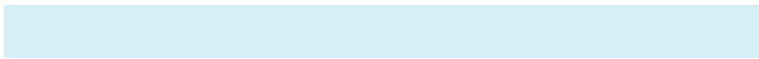
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3728, 85.1502, 91.0617



81.3804, 93.1533, 99.2136



75.1300, 82.5298, 97.5623



16.7649, 18.6651, 20.0463



21.5108, 36.7492, 26.5074



1.9366, 3.2483, 2.5722

Inverse Universe

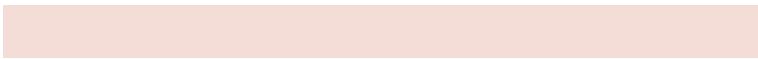
The Inverse Universe completely reimagines the original color for something new.



75.0662, 73.2180, 80.7009



80.9865, 77.8144, 85.8959



75.2531, 75.4945, 74.8968



16.7110, 16.5672, 18.2246



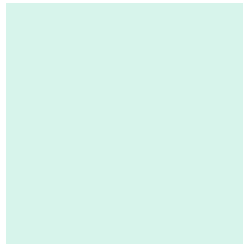
21.0445, 10.7612, 4.9425



1.8938, 0.9635, 0.6673

Previews

White Background



This preview shows how the XYZ color 75.3704, 85.1466, 91.0598 looks on a white background.

Color Contrast Check

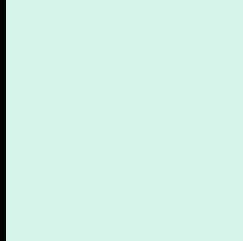
Large Text (above 18pt) WCAG AA × Fail

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 75.3704, 85.1466, 91.0598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

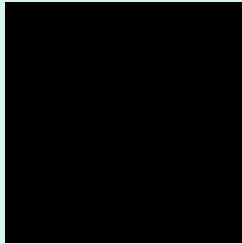
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

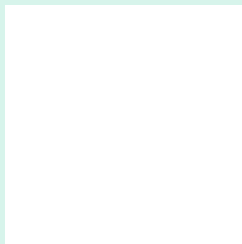
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3704, 85.1466, 91.0598

Background



This preview shows how black text looks on a background with the XYZ color 75.3704, 85.1466, 91.0598.



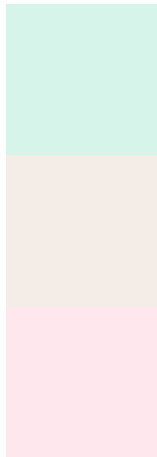
This preview shows how white text looks on a background with the XYZ color 75.3704, 85.1466,

91.0598.

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

75.3704, 85.1466, 91.0598

Protanopia

81.3814, 84.8151, 87.6830

Deuteranopia

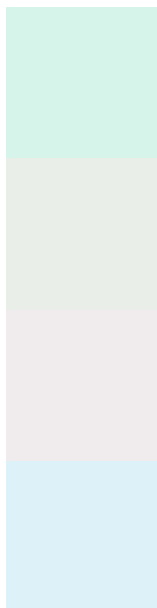
85.2485, 84.5849, 92.7224



Tritanopia

79.6415, 85.2282, 106.8609

Trichromacy



Original Color

75.3704, 85.1466, 91.0598

Protanomaly

79.0363, 84.8828, 88.5623

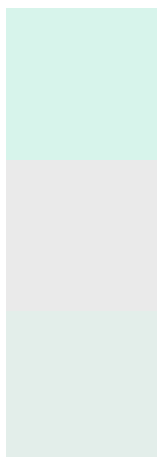
Deuteranomaly

81.2167, 84.6306, 92.1755

Tritanomaly

77.9138, 84.9035, 101.0885

Monochromacy



Original Color

75.3704, 85.1466, 91.0598

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.1044, 83.4205, 89.8798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3704, 85.1466, 91.0598 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(215, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 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(215, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.3704, 85.1466, 91.0598 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(215, 244, 235) }
```


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

```
.border{ border-color:rgb(215, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3704, 85.1466, 91.0598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 244, 235) }
```

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

```
.background{ background-color: rgb(215,  
244, 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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