

Converting Colors

XYZ(75.5967, 85.4380, 92.2714)

Have a look what the booklet for
XYZ(75.5967, 85.4380, 92.2714)
contains.

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Color

**XYZ(75.6611, 85.2629,
92.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F4ED
RGB	215, 244, 237
RGB Percent	84%, 96%, 93%
CMY	0.1569, 0.0431, 0.0706
CMYK	0.12, 0.00, 0.03, 0.04
HSL	166°, 57%, 90%
HSV	166°, 12%, 96%
XYZ	75.6611, 85.2629, 92.5904
YIQ	234.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

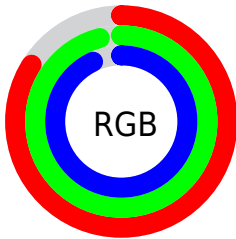
Format	Color
R _Y B	215, 231, 244
Decimal	14152941
CIE Lab	94.00, -10.73, 0.17
CIE LCh	94, 10.732, 179.103
Yxy	85.2629, 0.2984, 0.3363
Android (android.graphics.Color)	4292343021 (0xFFD7F4ED)
YUV	234.5310, 1.2172, -17.1287
Hunter-Lab	92.3379, -15.3296, 5.1844

Details

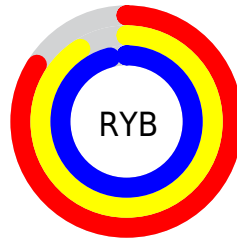
The XYZ color **75.6611, 85.2629, 92.5904** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7966, 73.1102, 79.2806**, and the grayscale version is **78.6105, 82.7043, 90.0650**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8209, 46.7762, 50.5933** is the 20% darker color. If you saturate the color by 10%, you get **68.1773, 81.5051, 87.8212**, and if you desaturate by 10%, it is **84.2466, 89.5901, 97.5624**.

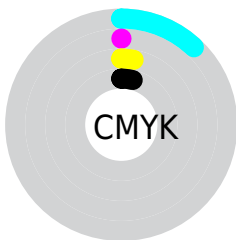
Distribution



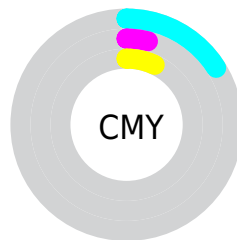
- Red (84%)
- Green (96%)
- Blue (93%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6611, 85.2629, 92.5904 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 75.6611, 85.2629, 92.5904 by changing the saturation by 10% instead.

75.6611, 85.2629,
92.5904

75.6611, 85.2629,
92.5904

469.1490,
512.4976, 557.2078

56.4507, 64.0586,
69.5453

126.2307,
140.7404, 152.8982

40.8028, 46.6982,
50.6814

158.3205,
175.7825, 190.9980

28.3520, 32.7971,
35.5802

195.4343,
216.2059, 234.9532

18.7330, 21.9711,
23.8230

237.9374,
262.3951, 285.1822

11.5804, 13.8356,
14.9914

286.1950,
314.7345, 342.1036

6.5288, 8.0064,
8.6668

340.5726,

3.2129, 4.0991,

373.6084, 406.1360

4.4307

401.4355,
439.4013, 477.6979

■ 1.2673, 1.7291,
1.8645

■ 0.1586, 0.4424,
0.4700

■ 75.6611, 85.2629,
92.5904

■ 75.6611, 85.2629,
92.5904

■ 68.1773, 81.5051,
87.8212

■ 84.2466, 89.5901,
97.5624

■ 61.7406, 78.2814,
83.2456

■ 90.6578, 92.7908,
102.5799

■ 56.3025, 75.5694,
78.8616

■ 91.5905, 93.1639,
107.4914

■ 51.8076, 73.3404,
74.6651

■ 91.6423, 93.1846,
107.7641

■ 48.1952, 71.5632,
70.6519

■ 45.3973, 70.2028,
66.8173

■ 43.3357, 69.2189,
63.1562

■ 41.9162, 68.5630,
59.6625

■ 41.1181, 68.2109,
56.9444

Harmonies

Analogous

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



76.4089, 85.2629, 84.9770



75.6611, 85.2629, 92.5904



76.3261, 85.2629, 100.7153

Triad

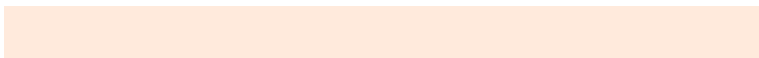
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6611, 85.2629, 92.5904



83.7460, 85.2629, 107.2992



83.8985, 85.2629, 79.9591

Complementary

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



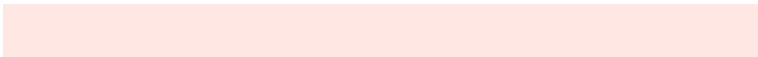
75.6611, 85.2629, 92.5904



74.7966, 73.1102, 79.2806

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.



85.9438, 85.2629, 85.3803



75.6611, 85.2629, 92.5904



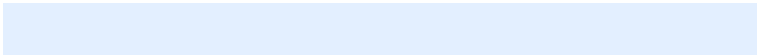
85.8542, 85.2629, 101.1669

Square

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



75.6611, 85.2629, 92.5904



80.9537, 85.2629, 109.5035



86.6676, 85.2629, 93.0836



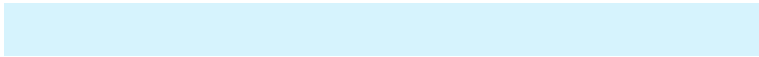
81.1260, 85.2629, 77.9534

Rectangle

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



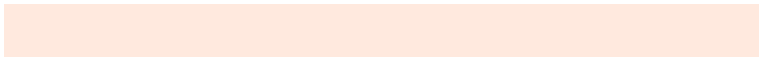
75.6611, 85.2629, 92.5904



77.4902, 85.2629, 105.2666



86.6676, 85.2629, 93.0836



84.6963, 85.2629, 81.4261

Sweetspot

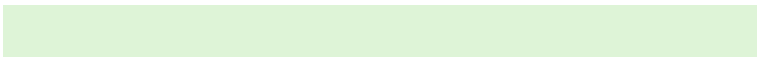
The Sweet Spot groups the original color and five complimentary colors.



75.6635, 85.2665, 92.5923



91.0024, 97.9589, 106.6538



74.8200, 85.1805, 76.7894



19.3202, 20.8875, 22.7388



0.0000, 0.0000, 0.0000



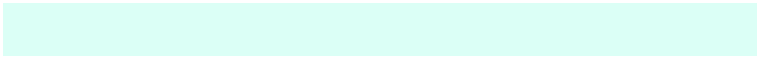
20.3446, 21.4041, 23.3091

Same Dimension

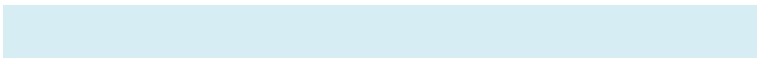
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6635, 85.2665, 92.5923



81.7566, 93.3038, 101.1948



74.5680, 81.4057, 97.3749



16.8156, 18.6854, 20.3134



22.4131, 37.1101, 31.2589



2.0099, 3.2776, 2.9579

Inverse Universe

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



74.7966, 73.1102, 79.2806



80.6424, 77.6767, 84.0838



75.7646, 76.5174, 75.0674



16.6632, 16.5481, 17.9728



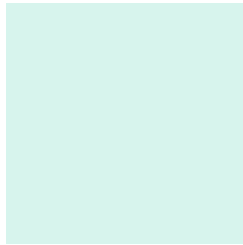
20.7589, 10.6470, 3.4386



1.8633, 0.9513, 0.5067

Previews

White Background



This preview shows how the XYZ color 75.6611, 85.2629, 92.5904 looks on a white background.

Color Contrast Check

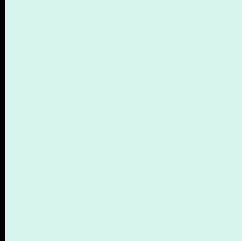
Large Text (above 18pt) WCAG AA × Fail

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 75.6611, 85.2629, 92.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

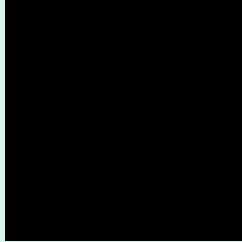
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

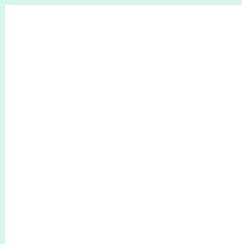
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6611, 85.2629, 92.5904

Background



This preview shows how black text looks on a background with the XYZ color 75.6611, 85.2629, 92.5904.



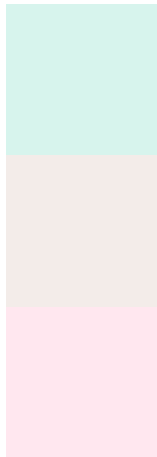
This preview shows how white text looks on a background with the XYZ color 75.6611, 85.2629,

92.5904.

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

75.6611, 85.2629, 92.5904

Protanopia

81.6656, 84.9288, 89.1795

Deuteranopia

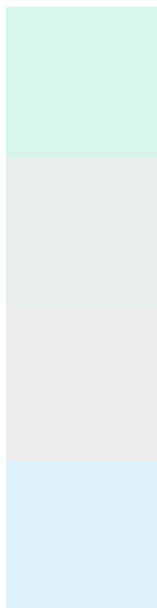
85.3959, 84.6438, 93.4984



Tritanopia

79.6415, 85.2282, 106.8609

Trichromacy



Original Color

75.6611, 85.2629, 92.5904

Protanomaly

79.3221, 84.9972, 90.0673

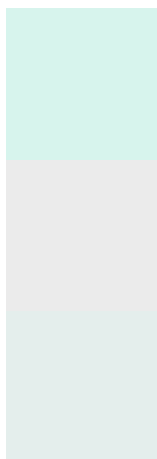
Deuteranomaly

81.3632, 84.6892, 92.9473

Tritanomaly

77.9138, 84.9035, 101.0885

Monochromacy



Original Color

75.6611, 85.2629, 92.5904

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.7098, 83.6992, 91.4167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6611, 85.2629, 92.5904 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.6611, 85.2629, 92.5904 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, 237) }
```


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

```
.border{ border-color:rgb(215, 244, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 237);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6611, 85.2629, 92.5904 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, 237) }
```

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

```
.background{ background-color: rgb(215,  
244, 237) }
```

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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