

Converting Colors

XYZ(65.4912, 75.2509, 70.2903)

Have a look what the booklet for
XYZ(65.4912, 75.2509, 70.2903)
contains.

XYZ(65.5727, 75.3400, 70.1175)	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(65.5727, 75.3400,
70.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE8CF
RGB	206, 232, 207
RGB Percent	81%, 91%, 81%
CMY	0.1922, 0.0902, 0.1882
CMYK	0.11, 0.00, 0.11, 0.09
HSL	122°, 36%, 86%
HSV	122°, 11%, 91%
XYZ	65.5727, 75.3400, 70.1175
YIQ	221.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

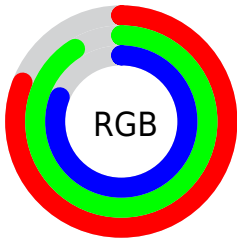
Format	Color
R _Y B	206, 231, 232
Decimal	13560015
CIE Lab	89.55, -13.16, 9.28
CIE LCh	90, 16.100, 144.821
Yxy	75.3400, 0.3107, 0.3570
Android (android.graphics.Color)	4291750095 (0xFFCEE8CF)
YUV	221.3760, -7.0874, -13.4848
Hunter-Lab	86.7986, -17.0483, 12.8635

Details

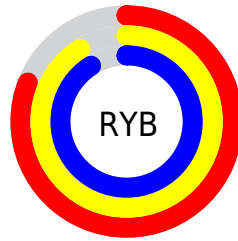
The XYZ color **65.5727, 75.3400, 70.1175** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7765, 67.0698, 84.8730**, and the grayscale version is **69.0452, 72.6409, 79.1060**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2240, 40.0260, 36.0590** is the 20% darker color. If you saturate the color by 10%, you get **57.0638, 71.2489, 56.4744**, and if you desaturate by 10%, it is **75.4218, 80.0818, 85.8379**.

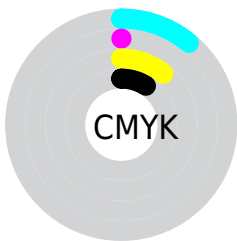
Distribution



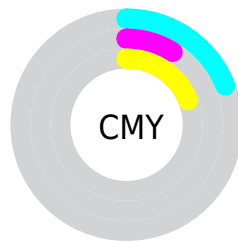
- Red (81%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5727, 75.3400, 70.1175 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 65.5727, 75.3400, 70.1175 by changing the saturation by 10% instead.

65.5727, 75.3400,
70.1175

65.5727, 75.3400,
70.1175

434.3599,
479.0854, 479.7627

48.1920, 55.8915,
51.1449

111.9340,
126.7935, 121.0590

34.1909, 40.1159,
35.9464

141.6453,
159.5673, 153.8650

23.2039, 27.6289,
24.1035

176.1975,
197.5517, 192.1192

14.8656, 18.0461,
15.1975

215.9560,
241.1309, 236.2402

8.8108, 10.9831,
8.8099

261.2861,
290.6896, 286.6465

4.6741, 6.0555,
4.5223

312.5533,

2.0901, 2.8788,

346.6119, 343.7567

1.9160

370.1227,
409.2824, 407.9892

■ 0.6838, 1.0688,
0.5029

■ 0.0000, 0.0000,
0.0000

■ 65.5727, 75.3400,
70.1175

■ 65.5727, 75.3400,
70.1175

■ 57.0638, 71.2489,
56.4744

■ 75.4218, 80.0818,
85.8379

■ 49.8314, 67.7710,
44.8171

■ 86.6591, 85.4909,
103.7123

■ 43.8158, 64.8796,
35.0546

■ 88.1481, 86.1961,
106.5994

■ 38.9501, 62.5426,
27.0869

■ 35.1610, 60.7244,
20.8046

■ 32.3667, 59.3854,
16.0867

■ 30.4737, 58.4804,
12.7958

■ 29.3708, 57.9555,
10.7711

■ 28.9069, 57.7357,
9.8768

Harmonies

Analogous

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



68.4643, 75.3400, 63.8160



65.5727, 75.3400, 70.1175



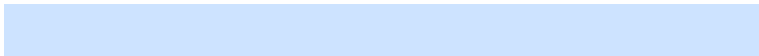
64.3010, 75.3400, 80.0830

Triad

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



65.5727, 75.3400, 70.1175



70.9244, 75.3400, 105.6822



78.7323, 75.3400, 73.2280

Complementary

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



65.5727, 75.3400, 70.1175



69.7765, 67.0698, 84.8730

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.



79.4495, 75.3400, 84.0133



65.5727, 75.3400, 70.1175



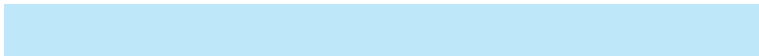
74.8474, 75.3400, 103.4223

Square

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



65.5727, 75.3400, 70.1175



67.3173, 75.3400, 101.1459



78.0036, 75.3400, 95.2261



76.0781, 75.3400, 65.4927

Rectangle

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



65.5727, 75.3400, 70.1175



64.5077, 75.3400, 87.7289



78.0036, 75.3400, 95.2261



79.2119, 75.3400, 76.5881

Sweetspot

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



65.5748, 75.3432, 70.1192



91.1295, 98.1131, 102.6525



72.9985, 79.1844, 69.8301



19.2868, 20.8950, 21.6232



0.0000, 0.0000, 0.0000



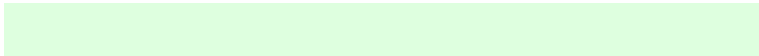
20.3446, 21.4041, 23.3091

Same Dimension

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



65.5748, 75.3432, 70.1192



79.1744, 92.3604, 83.5550



67.2131, 75.9986, 78.7467



14.2117, 16.0981, 15.3795



16.0577, 32.0552, 5.5381



1.1946, 2.3720, 0.4512

Inverse Universe

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



69.7765, 67.0698, 84.8730



85.1668, 80.5610, 104.5961



68.0248, 66.3691, 75.6486



14.9699, 14.6052, 18.0419



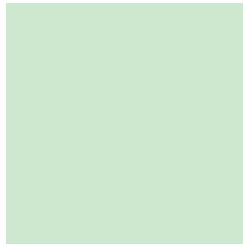
25.8863, 12.4887, 39.8917



1.9204, 0.9259, 2.9875

Previews

White Background



This preview shows how the XYZ color 65.5727, 75.3400, 70.1175 looks on a white background.

Color Contrast Check

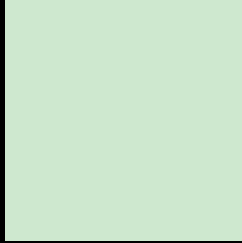
Large Text (above 18pt) WCAG AA × Fail

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 65.5727, 75.3400, 70.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

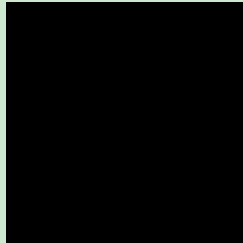
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

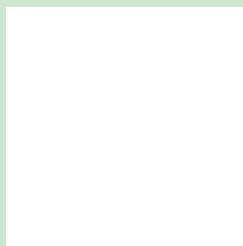
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5727, 75.3400, 70.1175

Background



This preview shows how black text looks on a background with the XYZ color 65.5727, 75.3400, 70.1175.

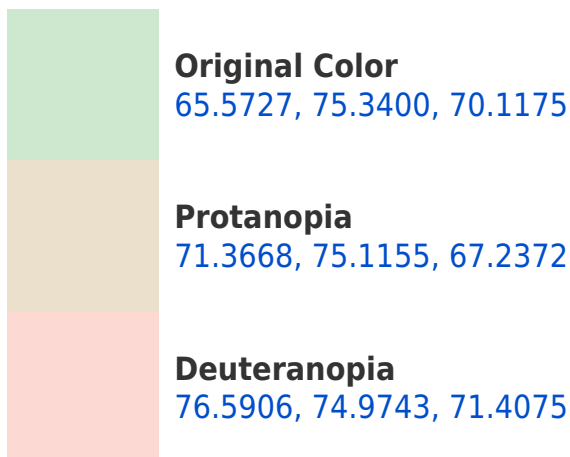


This preview shows how white text looks on a background with the XYZ color 65.5727, 75.3400,

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

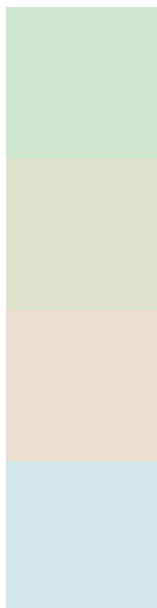




Tritanopia

71.1019, 75.5278, 97.2171

Trichromacy



Original Color

65.5727, 75.3400, 70.1175

Protanomaly

69.1086, 75.1451, 67.9888

Deuteranomaly

71.8908, 74.5082, 70.9141

Tritanomaly

69.0215, 75.5098, 86.5383

Monochromacy



Original Color

65.5727, 75.3400, 70.1175

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6388, 73.4072, 75.5698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5727, 75.3400, 70.1175 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(206, 232, 207)` looks like.

```
.text, #text, p{  
    color:rgb(206, 232, 207)  
}
```

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(206, 232, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 232, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.5727, 75.3400, 70.1175 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(206, 232, 207) }
```


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

```
.border{ border-color:rgb(206, 232, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 232, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 232, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 232, 207);  
box-shadow:4px 4px 4px 4px rgb(206, 232,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5727, 75.3400, 70.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 232, 207) }
```

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

```
.background{ background-color: rgb(206,  
232, 207) }
```

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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