

Converting Colors

XYZ(63.4791, 75.2084, 84.5698)

Have a look what the booklet for
XYZ(63.4791, 75.2084, 84.5698)
contains.

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Color

**XYZ(63.4791, 75.2084,
84.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EBE4
RGB	184, 235, 228
RGB Percent	72%, 92%, 89%
CMY	0.2784, 0.0784, 0.1059
CMYK	0.22, 0.00, 0.03, 0.08
HSL	172°, 56%, 82%
HSV	172°, 22%, 92%
XYZ	63.4791, 75.2084, 84.5698
YIQ	218.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

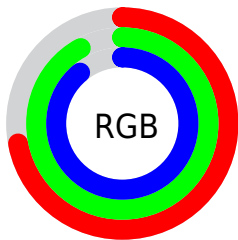
Format	Color
RYB	184, 211, 235
Decimal	12119012
CIELab	89.49, -17.65, -1.96
CIELCh	89, 17.756, 186.348
Yxy	75.2084, 0.2843, 0.3369
Android (android.graphics.Color)	4290309092 (0xFFB8EBE4)
YUV	218.9530, 4.4602, -30.6538
Hunter-Lab	86.7228, -21.1069, 2.8879

Details

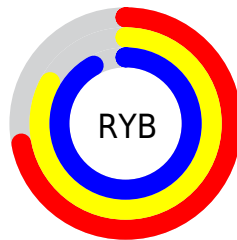
The XYZ color **63.4791, 75.2084, 84.5698** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.8081, 55.7068, 56.8409**, and the grayscale version is **67.2851, 70.7892, 77.0894**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **32.8688, 40.0032, 45.5242** is the 20% darker color. If you saturate the color by 10%, you get **57.8674, 72.3687, 81.9919**, and if you desaturate by 10%, it is **70.0387, 78.5397, 87.2389**.

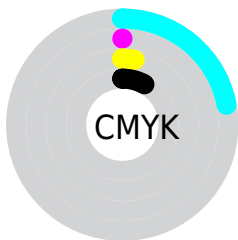
Distribution



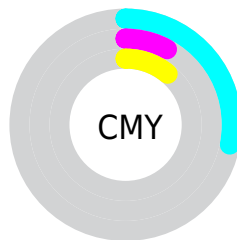
- Red (72%)
- Green (92%)
- Blue (89%)



- Red (72%)
- Yellow (83%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)




- Cyan (28%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4791, 75.2084, 84.5698 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 63.4791, 75.2084, 84.5698 by changing the saturation by 10% instead.


 63.4791, 75.2084,
84.5698

 63.4791, 75.2084,
84.5698


426.9382,
478.6336, 530.3109

 46.4890, 55.7836,
62.9379


 108.9383,
126.6073, 141.6408

 32.8381, 40.0295,
45.3503


138.1382,
159.3503, 177.9169

 22.1611, 27.5615,
31.3885


172.1387,
197.3014, 219.9116

 14.0926, 17.9954,
20.6339

211.3052,
240.8451, 268.0432

 8.2672, 10.9467,
12.6680

256.0031,
290.3658, 322.7304

 4.3197, 6.0310,
7.0723

306.5976,

 1.8845, 2.8639,

346.2478, 384.3918

3.4282

363.4542,
408.8756, 453.4457

■ 0.5678, 1.0611,
1.3172

■ 0.0000, 0.0000,
0.0759

■ 63.4791, 75.2084,
84.5698

■ 63.4791, 75.2084,
84.5698

■ 57.8674, 72.3687,
81.9919

■ 70.0387, 78.5397,
87.2389

■ 53.1508, 69.9875,
79.4978

■ 77.5826, 82.3755,
89.9963

■ 49.2814, 68.0421,
77.0865

■ 86.1533, 86.7397,
92.8458

■ 46.2041, 66.5042,
74.7552

■ 86.8132, 87.0247,
95.3695

43.8573, 65.3418,
72.5008

87.2994, 87.2192,
97.9296

42.1701, 64.5186,
70.3197

87.7941, 87.4171,
100.5350

41.0576, 63.9906,
68.2078

88.2975, 87.6184,
103.1857

40.4578, 63.7186,
66.5024

88.8095, 87.8232,
105.8821

88.9996, 87.8993,
106.8832

Harmonies

Analogous

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



64.0835, 75.2084, 72.6394



63.4791, 75.2084, 84.5698



64.9482, 75.2084, 96.9425

Triad

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



63.4791, 75.2084, 84.5698



76.5625, 75.2084, 102.7651



74.8959, 75.2084, 61.8261

Complementary

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



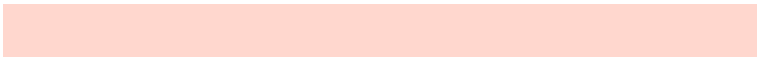
63.4791, 75.2084, 84.5698



60.8081, 55.7068, 56.8409

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.



78.4427, 75.2084, 68.4809



63.4791, 75.2084, 84.5698



79.4320, 75.2084, 91.8926

Square

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



63.4791, 75.2084, 84.5698



72.4133, 75.2084, 108.1135



80.1336, 75.2084, 79.2658



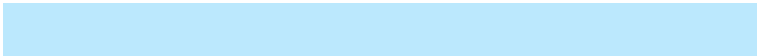
70.5614, 75.2084, 60.2905

Rectangle

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



63.4791, 75.2084, 84.5698



66.9424, 75.2084, 103.5201



80.1336, 75.2084, 79.2658



76.2251, 75.2084, 63.5031

Sweetspot

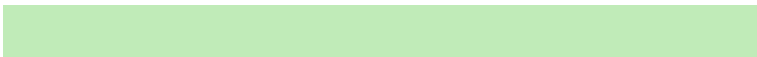
The Sweet Spot groups the original color and five complimentary colors.



63.4813, 75.2115, 84.5715



88.3930, 96.6135, 106.5418



60.0121, 74.0413, 56.4772



18.8029, 20.6199, 22.7613



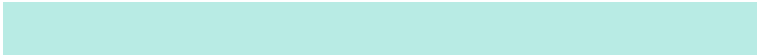
0.0000, 0.0000, 0.0000



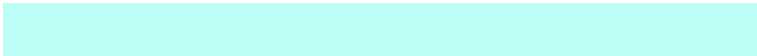
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4813, 75.2115, 84.5715



73.2906, 88.9480, 100.4115



59.6164, 65.8942, 88.1775



15.4235, 17.0842, 18.9131



22.5510, 35.4749, 37.1960



1.7954, 2.7955, 3.0502

Inverse Universe

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



60.8081, 55.7068, 56.8409



69.5435, 61.5944, 61.5308



64.0006, 63.2960, 54.1930



15.1497, 15.0877, 16.0735



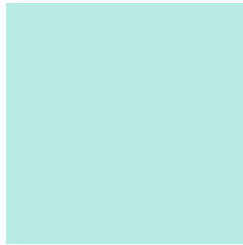
19.2417, 9.8994, 1.8084



1.5376, 0.7880, 0.2822

Previews

White Background



This preview shows how the XYZ color 63.4791, 75.2084, 84.5698 looks on a white background.

Color Contrast Check

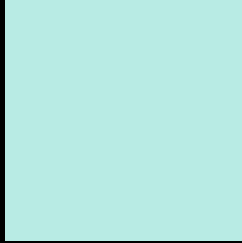
Large Text (above 18pt) WCAG AA × Fail

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 63.4791, 75.2084, 84.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

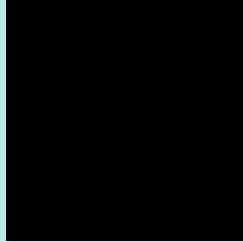
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

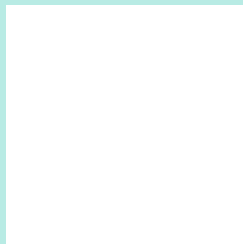
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4791, 75.2084, 84.5698

Background



This preview shows how black text looks on a background with the XYZ color 63.4791, 75.2084, 84.5698.



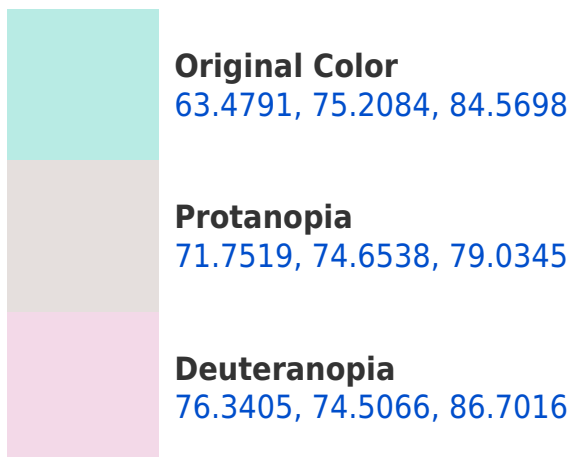
This preview shows how white text looks on a background with the XYZ color 63.4791, 75.2084,

84.5698.

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

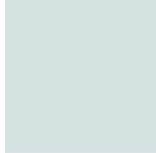
66.8510, 75.3067, 101.4547

Trichromacy



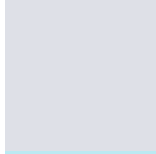
Original Color

63.4791, 75.2084, 84.5698



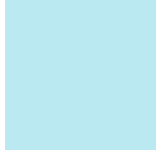
Protanomaly

68.3642, 74.4661, 81.2912



Deuteranomaly

71.2037, 74.6104, 86.2497



Tritanomaly

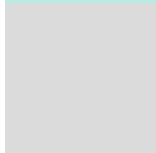
65.6594, 75.2534, 95.0691

Monochromacy



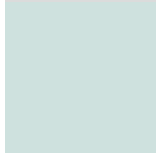
Original Color

63.4791, 75.2084, 84.5698



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

65.5636, 72.2462, 79.5966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4791, 75.2084, 84.5698 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(184, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 235, 228)  
}
```

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(184, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 235, 228) }
```

Border

The CSS property to change the border of an element to XYZ 63.4791, 75.2084, 84.5698 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(184, 235, 228) }
```


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

```
.border{ border-color:rgb(184, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(184, 235,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4791, 75.2084, 84.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 235, 228) }
```

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

```
.background{ background-color: rgb(184,  
235, 228) }
```

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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