

Converting Colors

XYZ(57.3493, 67.9871, 74.1020)

Have a look what the booklet for
XYZ(57.3493, 67.9871, 74.1020)
contains.

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Color

**XYZ(57.5511, 68.2217,
74.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E1D7
RGB	178, 225, 215
RGB Percent	70%, 88%, 84%
CMY	0.3020, 0.1176, 0.1569
CMYK	0.21, 0.00, 0.04, 0.12
HSL	167°, 44%, 79%
HSV	167°, 21%, 88%
XYZ	57.5511, 68.2217, 74.4248
YIQ	209.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

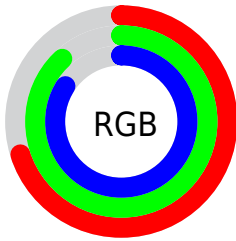
Format	Color
RYB	178, 204, 225
Decimal	11723223
CIELab	86.12, -17.16, -0.11
CIELCh	86, 17.159, 180.377
Yxy	68.2217, 0.2875, 0.3408
Android (android.graphics.Color)	4289913303 (0xFFB2E1D7)
YUV	209.8070, 2.5601, -27.8947
Hunter-Lab	82.5964, -20.1695, 4.3933

Details

The XYZ color **57.5511, 68.2217, 74.4248** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.0513, 51.4811, 54.5626**, and the grayscale version is **61.1290, 64.3124, 70.0362**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **29.0321, 35.5726, 38.5938** is the 20% darker color. If you saturate the color by 10%, you get **52.2000, 65.5350, 71.0103**, and if you desaturate by 10%, it is **63.7709, 71.3578, 77.9768**.

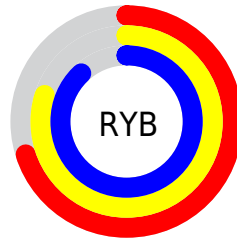
Distribution



Red (70%)

Green (88%)

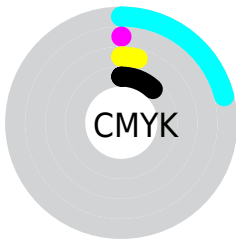
Blue (84%)



Red (70%)

Yellow (80%)

Blue (88%)

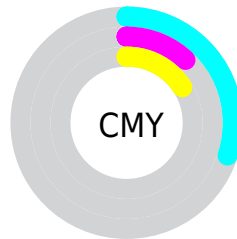


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5511, 68.2217, 74.4248 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 57.5511, 68.2217, 74.4248 by changing the saturation by 10% instead.

■ 57.5511, 68.2217,
74.4248

■ 57.5511, 68.2217,
74.4248

405.4920,
454.2811, 495.1408

■ 41.6897, 50.0781,
54.6429

■ 100.3956,
116.6692, 127.2374

■ 29.0485, 35.4755,
38.7192

128.1094,
147.7420, 161.1052

■ 19.2620, 24.0294,
26.2352

160.5048,
183.8933, 200.5054

■ 11.9648, 15.3554,
16.7724

197.9470,
225.5074, 245.8564

■ 6.7918, 9.0692,
9.9121

240.8015,
272.9689, 297.5770

■ 3.3774, 4.7863,
5.2359

289.4336,

■ 1.3563, 2.1225,

326.6621, 356.0855

2.3252

344.2087,
386.9714, 421.8006

■ 0.2248, 0.6772,
0.7453

■ 0.0000, 0.0000,
0.0000

■ 57.5511, 68.2217,
74.4248

■ 57.5511, 68.2217,
74.4248

■ 52.2000, 65.5350,
71.0103

■ 63.7709, 71.3578,
77.9768

■ 47.6703, 63.2679,
67.7261


■ 70.8921, 74.9546,
81.6644


■ 43.9192, 61.4000,
64.5707


■ 78.9528, 79.0338,
85.4916


■ 40.8975, 59.9062,
61.5411


■ 83.0401, 81.0623,
89.2291


 38.5501, 58.7580,
58.6339


 83.7382, 81.3416,
92.9051

 36.8144, 57.9231,
55.8452


 84.4550, 81.6283,
96.6799

 35.6152, 57.3629,
53.1708

 85.1907, 81.9226,
100.5541

 34.8741, 57.0320,
50.8276

 85.9455, 82.2245,
104.5285

 86.2164, 82.3329,
105.9555

Harmonies

Analogous

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



58.4712, 68.2217, 64.0553



57.5511, 68.2217, 74.4248



58.5178, 68.2217, 85.8148

Triad

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



57.5511, 68.2217, 74.4248



68.7537, 68.2217, 94.6385



68.6639, 68.2217, 56.9563

Complementary

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



57.5511, 68.2217, 74.4248



56.0513, 51.4811, 54.5626

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.



71.6076, 68.2217, 63.8314



57.5511, 68.2217, 74.4248



71.6609, 68.2217, 85.5427

Square

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



57.5511, 68.2217, 74.4248



64.8926, 68.2217, 98.1854



72.7255, 68.2217, 74.1391



64.7928, 68.2217, 54.6115

Rectangle

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



57.5511, 68.2217, 74.4248



60.1256, 68.2217, 92.2980



72.7255, 68.2217, 74.1391



69.8002, 68.2217, 58.7773

Sweetspot

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



57.5530, 68.2245, 74.4263



89.1235, 97.0048, 105.9093



55.7475, 67.7824, 52.2659



18.9438, 20.6962, 22.6001



0.0000, 0.0000, 0.0000



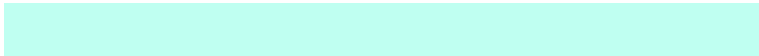
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5530, 68.2245, 74.4263



73.2507, 89.0056, 96.8775



55.4173, 61.8325, 80.2515



13.9851, 15.5198, 16.9568



20.1396, 32.8807, 29.5219



1.4275, 2.2917, 2.2126

Inverse Universe

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



56.0513, 51.4811, 54.5626



70.9228, 63.0297, 66.0699



57.7895, 56.6239, 50.0045



13.8260, 13.7480, 14.8539



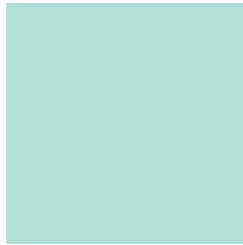
18.2342, 9.3607, 2.6329



1.2967, 0.6620, 0.3555

Previews

White Background



This preview shows how the XYZ color 57.5511, 68.2217, 74.4248 looks on a white background.

Color Contrast Check

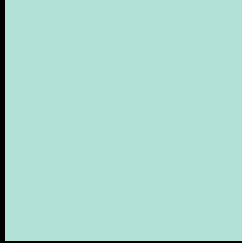
Large Text (above 18pt) WCAG AA × Fail

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 57.5511, 68.2217, 74.4248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

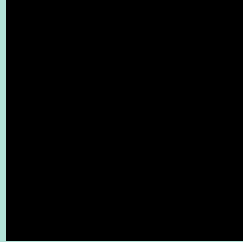
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

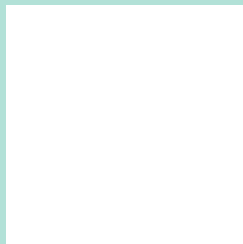
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5511, 68.2217, 74.4248

Background



This preview shows how black text looks on a background with the XYZ color 57.5511, 68.2217, 74.4248.

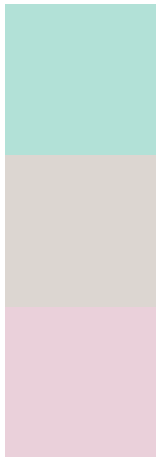


This preview shows how white text looks on a background with the XYZ color 57.5511, 68.2217,

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

57.5511, 68.2217, 74.4248

Protanopia

65.0704, 67.9122, 70.0004

Deuteranopia

69.1424, 67.6661, 75.7463



Tritanopia

60.9649, 68.0122, 91.5758

Trichromacy



Original Color

57.5511, 68.2217, 74.4248

Protanomaly

62.0061, 67.8251, 71.4515

Deuteranomaly

64.3025, 67.3990, 75.2658

Tritanomaly

59.4603, 67.7795, 84.8118

Monochromacy



Original Color

57.5511, 68.2217, 74.4248

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.4728, 65.3601, 71.7686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5511, 68.2217, 74.4248 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(178, 225, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 215)  
}
```

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(178, 225, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.5511, 68.2217, 74.4248 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(178, 225, 215) }
```


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

```
.border{ border-color:rgb(178, 225, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 225, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 225, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 225, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 225,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5511, 68.2217, 74.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 225, 215) }
```

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

```
.background{ background-color: rgb(178,  
225, 215) }
```

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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