

Converting Colors

XYZ(54.4272, 61.5878, 67.5735)

Have a look what the booklet for
XYZ(54.4272, 61.5878, 67.5735)
contains.

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Color

**XYZ(54.4512, 61.7335,
67.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D4CE
RGB	184, 212, 206
RGB Percent	72%, 83%, 81%
CMY	0.2784, 0.1686, 0.1922
CMYK	0.13, 0.00, 0.03, 0.17
HSL	167°, 25%, 78%
HSV	167°, 13%, 83%
XYZ	54.4512, 61.7335, 67.4384
YIQ	202.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

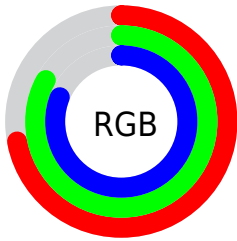
Format	Color
RYB	184, 200, 212
Decimal	12113102
CIELab	82.77, -10.47, -0.19
CIELCh	83, 10.475, 181.020
Yxy	61.7335, 0.2965, 0.3362
Android (android.graphics.Color)	4290303182 (0xFFB8D4CE)
YUV	202.9440, 1.5066, -16.6139
Hunter-Lab	78.5707, -13.7942, 4.1100

Details

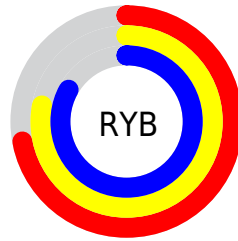
The XYZ color **54.4512, 61.7335, 67.4384** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5883, 51.9973, 55.9300**, and the grayscale version is **56.7285, 59.6828, 64.9945**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **27.0845, 31.2062, 34.3017** is the 20% darker color. If you saturate the color by 10%, you get **49.2047, 59.0934, 64.3533**, and if you desaturate by 10%, it is **60.4783, 64.7775, 70.6460**.

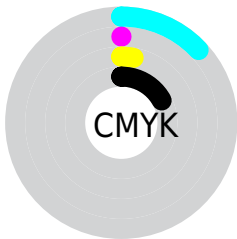
Distribution



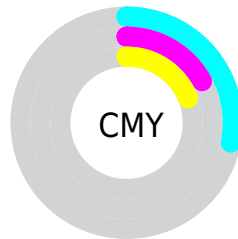
- Red (72%)
- Green (83%)
- Blue (81%)



- Red (72%)
- Yellow (78%)
- Blue (83%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (28%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4512, 61.7335, 67.4384 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 54.4512, 61.7335, 67.4384 by changing the saturation by 10% instead.

■ 54.4512, 61.7335,
67.4384

■ 54.4512, 61.7335,
67.4384

393.9986,
430.9583, 470.0476

■ 39.1946, 44.8174,
48.9772

■ 95.8894, 107.3403,
117.1950

■ 27.0926, 31.3136,
34.2359

122.8018,
136.7997, 149.3274

■ 17.7797, 20.8378,
22.7960

154.3301,
171.2091, 186.8539

■ 10.8907, 13.0055,
14.2391

190.8397,
210.9528, 230.1931

■ 6.0601, 7.4323,
8.1465

232.6960,
256.4151, 279.7636

■ 2.9227, 3.7339,
4.0997

280.2644,

■ 1.1130, 1.5259,

307.9806, 335.9838

1.6802

333.9101,
366.0335, 399.2723

■ 0.0360, 0.3068,
0.3471

■ 0.0000, 0.0000,
0.0000

■ 54.4512, 61.7335,
67.4384

■ 54.4512, 61.7335,
67.4384

■ 49.2047, 59.0934,
64.3533

■ 60.4783, 64.7775,
70.6460

■ 44.6995, 56.8319,
61.3842

■ 67.3125, 68.2341,
73.9741

■ 40.9012, 54.9330,
58.5302

■ 74.9855, 72.1212,
77.4261

■ 37.7700, 53.3763,
55.7887

■ 78.2637, 73.7408,
80.7579

■ 35.2626, 52.1394,
53.1568

■ 78.8891, 73.9910,
84.0516

■ 33.3302, 51.1971,
50.6317

■ 79.5312, 74.2479,
87.4327

■ 31.9166, 50.5204,
48.2099

■ 80.1900, 74.5114,
90.9020

■ 30.9540, 50.0746,
45.8876

■ 80.8657, 74.7816,
94.4600

■ 30.4788, 49.8629,
44.3629

■ 81.5583, 75.0587,
98.1075

Harmonies

Analogous

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



54.9681, 61.7335, 61.3851



54.4512, 61.7335, 67.4384



55.0420, 61.7335, 73.8141

Triad

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



54.4512, 61.7335, 67.4384



60.9362, 61.7335, 78.4171



60.7993, 61.7335, 56.9401

Complementary

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



54.4512, 61.7335, 67.4384



53.5883, 51.9973, 55.9300

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.



62.4662, 61.7335, 61.0257



54.4512, 61.7335, 67.4384



62.5467, 61.7335, 73.4077

Square

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



54.4512, 61.7335, 67.4384



58.7530, 61.7335, 80.3973



63.1135, 61.7335, 66.9967



58.5988, 61.7335, 55.5627

Rectangle

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



54.4512, 61.7335, 67.4384



55.9934, 61.7335, 77.3279



63.1135, 61.7335, 66.9967



61.4426, 61.7335, 58.0288

Sweetspot

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



54.4530, 61.7361, 67.4398



91.0464, 97.9765, 106.8854



53.4490, 61.5060, 54.4032



19.3313, 20.8920, 22.7975



0.0000, 0.0000, 0.0000



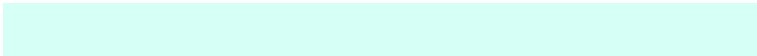
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4530, 61.7361, 67.4398



80.2235, 92.5157, 101.0221



53.2614, 58.1635, 70.7098



12.6729, 14.0602, 15.3578



18.8534, 30.7967, 27.5872



1.1662, 1.8691, 1.8170

Inverse Universe

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



53.5883, 51.9973, 55.9300



78.6493, 74.7793, 80.0627



54.6401, 55.1296, 53.1096



12.5311, 12.4639, 13.4711



17.0900, 8.7723, 2.5121



1.0619, 0.5416, 0.3154

Previews

White Background



This preview shows how the XYZ color 54.4512, 61.7335, 67.4384 looks on a white background.

Color Contrast Check

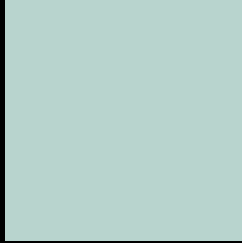
Large Text (above 18pt) WCAG AA × Fail

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 54.4512, 61.7335, 67.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

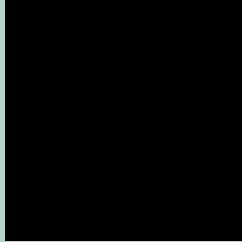
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

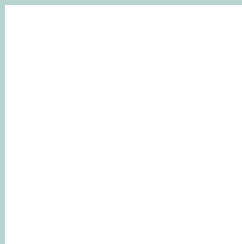
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4512, 61.7335, 67.4384

Background



This preview shows how black text looks on a background with the XYZ color 54.4512, 61.7335, 67.4384.

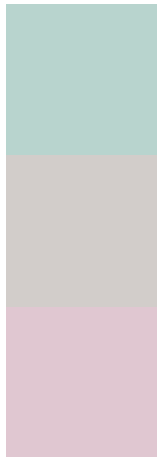


This preview shows how white text looks on a background with the XYZ color 54.4512, 61.7335,

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

54.4512, 61.7335, 67.4384

Protanopia

59.0703, 61.6285, 64.6593

Deuteranopia

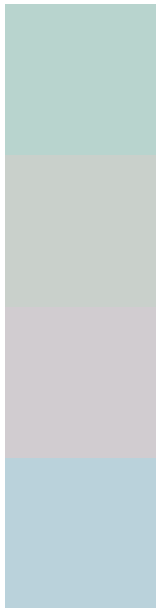
62.6725, 61.2976, 68.8500



Tritanopia

57.0214, 61.6567, 80.8471

Trichromacy



Original Color

54.4512, 61.7335, 67.4384

Protanomaly

57.4228, 61.8411, 65.4099

Deuteranomaly

59.2725, 61.2951, 68.3816

Tritanomaly

56.0825, 61.6468, 75.9610

Monochromacy



Original Color

54.4512, 61.7335, 67.4384

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.7353, 60.2380, 65.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4512, 61.7335, 67.4384 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, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 212, 206)  
}
```

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, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 212, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.4512, 61.7335, 67.4384 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, 212, 206) }
```


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

```
.border{ border-color:rgb(184, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 212,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4512, 61.7335, 67.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 212, 206) }
```

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

```
.background{ background-color: rgb(184,  
212, 206) }
```

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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