

Converting Colors

XYZ(54.5379, 61.7929, 61.8874)

Have a look what the booklet for
XYZ(54.5379, 61.7929, 61.8874)
contains.

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Color

**XYZ(54.6078, 61.9370,
61.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD4C5
RGB	189, 212, 197
RGB Percent	74%, 83%, 77%
CMY	0.2588, 0.1686, 0.2274
CMYK	0.11, 0.00, 0.07, 0.17
HSL	141°, 21%, 79%
HSV	141°, 11%, 83%
XYZ	54.6078, 61.9370, 61.9002
YIQ	203.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

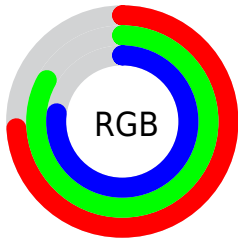
Format	Color
RYB	189, 206, 212
Decimal	12440773
CIELab	82.88, -10.54, 4.80
CIElCh	83, 11.585, 155.516
Yxy	61.9370, 0.3060, 0.3471
Android (android.graphics.Color)	4290630853 (0xFFBDD4C5)
YUV	203.4130, -3.1616, -12.6402
Hunter-Lab	78.7001, -13.8689, 8.4565

Details

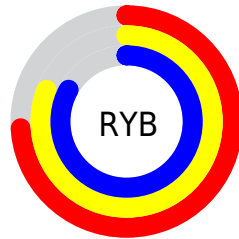
The XYZ color **54.6078, 61.9370, 61.9002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2503, 54.7535, 64.7335**, and the grayscale version is **57.0491, 60.0201, 65.3618**.

A 20% lighter version of the original color is **91.3056, 98.0882, 107.8865**, and **27.1682, 31.3314, 30.6022** is the 20% darker color. If you saturate the color by 10%, you get **48.2162, 58.8185, 53.7067**, and if you desaturate by 10%, it is **61.9170, 65.5152, 70.8980**.

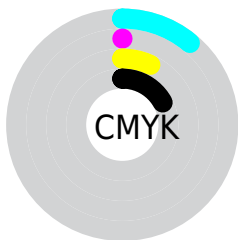
Distribution



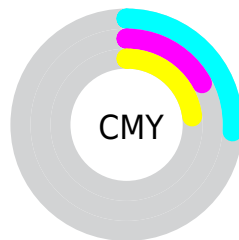
- Red (74%)
- Green (83%)
- Blue (77%)



- Red (74%)
- Yellow (81%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (26%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6078, 61.9370, 61.9002 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 54.6078, 61.9370, 61.9002 by changing the saturation by 10% instead.

■ 54.6078, 61.9370,
61.9002

■ 54.6078, 61.9370,
61.9002

394.5842,
431.7012, 449.5646

■ 39.3204, 44.9818,
44.5168

■ 96.1178, 107.6345,
109.1515

■ 27.1909, 31.4431,
30.7368

123.0710,
137.1455, 139.8564

■ 17.8540, 20.9365,
20.1417

154.6436,
171.6107, 175.8390

■ 10.9443, 13.0776,
12.3130

191.2009,
211.4143, 217.5177

■ 6.0964, 7.4820,
6.8321

233.1083,
256.9407, 265.3110

■ 2.9450, 3.7653,
3.2805

280.7310,

■ 1.1247, 1.5432,

308.5745, 319.6376

1.2396

334.4345,
366.6998, 380.9159

■ 0.0457, 0.3188,
0.0115

■ 0.0000, 0.0000,
0.0000

■ 54.6078, 61.9370,
61.9002

■ 54.6078, 61.9370,
61.9002

■ 48.2162, 58.8185,
53.7067

■ 61.9170, 65.5152,
70.8980

■ 42.6998, 56.1331,
46.2913

■ 70.1735, 69.5628,
80.7170

■ 38.0208, 53.8635,
39.6323

■ 79.4121, 74.0990,
91.3791

■ 34.1362, 51.9881,
33.7056

■ 82.4047, 75.3973,
102.5641

■ 30.9992, 50.4832,
28.4858

■ 82.8347, 75.5693,
104.8282

■ 28.5580, 49.3227,
23.9458

■ 26.7536, 48.4767,
20.0568

■ 25.5162, 47.9099,
16.7878

■ 24.7716, 47.5801,
14.3094

Harmonies

Analogous

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



56.1244, 61.9370, 56.8564



54.6078, 61.9370, 61.9002



54.2193, 61.9370, 68.7690

Triad

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



54.6078, 61.9370, 61.9002



59.3319, 61.9370, 82.0693



62.8636, 61.9370, 59.7636

Complementary

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



54.6078, 61.9370, 61.9002



56.2503, 54.7535, 64.7335

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.



63.7778, 61.9370, 66.1260



54.6078, 61.9370, 61.9002



61.7022, 61.9370, 79.2592

Square

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



54.6078, 61.9370, 61.9002



56.9021, 61.9370, 80.7400



63.3468, 61.9370, 73.2984



60.8812, 61.9370, 55.6852

Rectangle

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



54.6078, 61.9370, 61.9002



54.6426, 61.9370, 73.5359



63.3468, 61.9370, 73.2984



63.3085, 61.9370, 61.6885

Sweetspot

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



54.6095, 61.9396, 61.9016



91.4983, 98.2606, 104.5948



57.7245, 63.6486, 57.3880



19.3860, 20.9347, 22.1455



0.0000, 0.0000, 0.0000



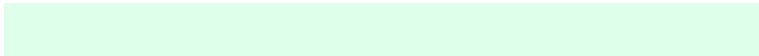
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6095, 61.9396, 61.9016



80.6005, 92.9308, 91.0642



55.9375, 62.4708, 68.8946



12.4389, 13.9666, 14.1259



15.3349, 29.3893, 9.0592



0.9634, 1.7880, 0.7491

Inverse Universe

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



56.2503, 54.7535, 64.7335



83.5704, 79.9225, 96.1895



54.9579, 54.2365, 57.9279



12.7610, 12.5559, 14.6819



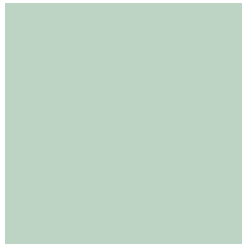
19.6550, 9.7983, 16.0193



1.2239, 0.6063, 1.1684

Previews

White Background



This preview shows how the XYZ color 54.6078, 61.9370, 61.9002 looks on a white background.

Color Contrast Check

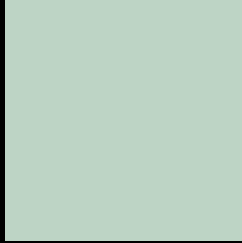
Large Text (above 18pt) WCAG AA × Fail

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 54.6078, 61.9370, 61.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

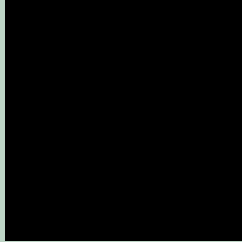
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

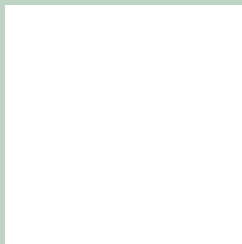
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6078, 61.9370, 61.9002

Background



This preview shows how black text looks on a background with the XYZ color 54.6078, 61.9370, 61.9002.



This preview shows how white text looks on a background with the XYZ color 54.6078, 61.9370,

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

54.6078, 61.9370, 61.9002

Protanopia

58.8975, 61.6590, 59.2492

Deuteranopia

62.8437, 61.5110, 63.2042



Tritanopia

58.2586, 61.9629, 79.4105

Trichromacy



Original Color

54.6078, 61.9370, 61.9002

Protanomaly

57.1953, 61.8442, 59.9615

Deuteranomaly

59.6332, 61.6054, 62.7809

Tritanomaly

56.6763, 61.6624, 72.5332

Monochromacy



Original Color

54.6078, 61.9370, 61.9002

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9026, 60.3654, 63.9636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6078, 61.9370, 61.9002 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(189, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 197)  
}
```

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(189, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.6078, 61.9370, 61.9002 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(189, 212, 197) }
```


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

```
.border{ border-color:rgb(189, 212, 197) }
```

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

Here you see how a box with a 4 pixel rgb(189, 212, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6078, 61.9370, 61.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 212, 197) }
```

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

```
.background{ background-color: rgb(189,  
212, 197) }
```

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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