

Converting Colors

XYZ(54.5869, 61.2183, 66.6692)

Have a look what the booklet for
XYZ(54.5869, 61.2183, 66.6692)
contains.

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Color

**XYZ(54.5596, 61.0658,
66.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD2CD
RGB	187, 210, 205
RGB Percent	73%, 82%, 80%
CMY	0.2667, 0.1765, 0.1961
CMYK	0.11, 0.00, 0.02, 0.18
HSL	167°, 20%, 78%
HSV	167°, 11%, 82%
XYZ	54.5596, 61.0658, 66.6689
YIQ	202.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

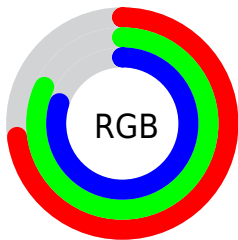
Format	Color
R _Y B	187, 200, 210
Decimal	12309197
CIE Lab	82.41, -8.66, -0.15
CIE LCh	82, 8.659, 181.005
Yxy	61.0658, 0.2993, 0.3350
Android (android.graphics.Color)	4290499277 (0xFFBBD2CD)
YUV	202.5530, 1.2064, -13.6400
Hunter-Lab	78.1446, -12.1266, 4.1181

Details

The XYZ color **54.5596, 61.0658, 66.6689** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8654, 53.0497, 57.2727**, and the grayscale version is **56.4841, 59.4257, 64.7146**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **27.3059, 31.0796, 33.8380** is the 20% darker color. If you saturate the color by 10%, you get **49.2500, 58.3931, 63.5851**, and if you desaturate by 10%, it is **60.6400, 64.1374, 69.8754**.

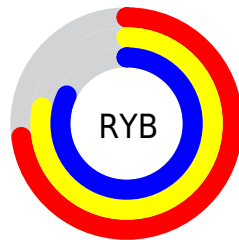
Distribution



Red (73%)

Green (82%)

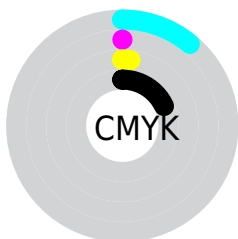
Blue (80%)



Red (73%)

Yellow (78%)

Blue (82%)

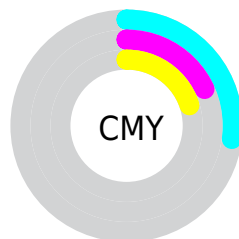


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5596, 61.0658, 66.6689 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 54.5596, 61.0658, 66.6689 by changing the saturation by 10% instead.

■ 54.5596, 61.0658,
66.6689

■ 54.5596, 61.0658,
66.6689

394.4040,
428.5152, 467.2347

■ 39.2817, 44.2783,
48.3557

■ 96.0475, 106.3742,
116.0820

■ 27.1606, 30.8893,
33.7467

122.9882,
135.6639, 148.0190

■ 17.8311, 20.5146,
22.4233

154.5472,
169.8897, 185.3343

■ 10.9278, 12.7697,
13.9670

191.0898,
209.4361, 228.4464

■ 6.0852, 7.2701,
7.9592

232.9814,
254.6875, 277.7740

■ 2.9381, 3.6316,
3.9814

280.5874,

■ 1.1211, 1.4697,

306.0282, 333.7356

1.6152

334.2732,
363.8426, 396.7496

■ 0.0427, 0.2673,
0.3016

■ 0.0000, 0.0000,
0.0000

■ 54.5596, 61.0658,
66.6689

■ 54.5596, 61.0658,
66.6689

■ 49.2500, 58.3931,
63.5851

■ 60.6400, 64.1374,
69.8754

■ 44.6735, 56.0947,
60.6176

■ 67.5168, 67.6160,
73.2026

■ 40.7969, 54.1554,
57.7655

■ 75.2205, 71.5190,
76.6540

■ 37.5821, 52.5554,
55.0263

■ 77.6437, 72.6979,
79.9443

■ 34.9878, 51.2735,
52.3973

■ 78.2691, 72.9480,
83.2373

■ 32.9675, 50.2857,
49.8755

■ 78.9112, 73.2049,
86.6185

■ 31.4683, 49.5648,
47.4578

■ 79.5701, 73.4684,
90.0886

■ 30.4271, 49.0783,
45.1405

■ 80.2461, 73.7388,
93.6482

■ 29.7783, 48.7877,
43.1251

■ 80.9392, 74.0161,
97.2980

Harmonies

Analogous

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



54.9877, 61.0658, 61.6772



54.5596, 61.0658, 66.6689



55.0478, 61.0658, 71.8725

Triad

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



54.5596, 61.0658, 66.6689



59.8913, 61.0658, 75.6021



59.7812, 61.0658, 57.9786

Complementary

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



54.5596, 61.0658, 66.6689



53.8654, 53.0497, 57.2727

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.



61.1412, 61.0658, 61.3837



54.5596, 61.0658, 66.6689



61.2057, 61.0658, 71.5475

Square

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



54.5596, 61.0658, 66.6689



58.1035, 61.0658, 77.1957



61.6679, 61.0658, 66.3120



57.9789, 61.0658, 56.8233

Rectangle

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



54.5596, 61.0658, 66.6689



55.8333, 61.0658, 74.7192



61.6679, 61.0658, 66.3120



60.3066, 61.0658, 58.8888

Sweetspot

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



54.5613, 61.0684, 66.6703



92.0246, 98.4711, 107.3661



53.8494, 60.9381, 55.9388



19.5281, 20.9915, 22.8936



0.0000, 0.0000, 0.0000



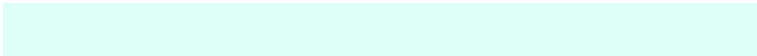
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5613, 61.0684, 66.6703



82.7490, 93.7902, 102.3781



53.6895, 58.3426, 69.4073



12.0437, 13.3612, 14.5865



18.2021, 29.7738, 26.5079



1.0457, 1.6760, 1.6296

Inverse Universe

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



53.8654, 53.0497, 57.2727



81.4727, 79.0834, 85.1433



54.6495, 55.4903, 54.8451



11.9125, 11.8497, 12.8150



16.5402, 8.4889, 2.4847



0.9551, 0.4868, 0.2984

Previews

White Background



This preview shows how the XYZ color 54.5596, 61.0658, 66.6689 looks on a white background.

Color Contrast Check

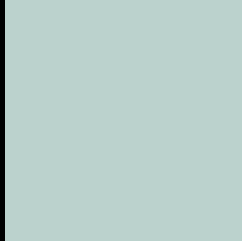
Large Text (above 18pt) WCAG AA × Fail

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 54.5596, 61.0658, 66.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

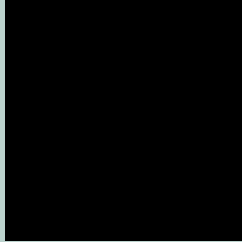
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

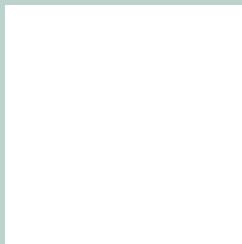
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5596, 61.0658, 66.6689

Background



This preview shows how black text looks on a background with the XYZ color 54.5596, 61.0658, 66.6689.



This preview shows how white text looks on a background with the XYZ color 54.5596, 61.0658,

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

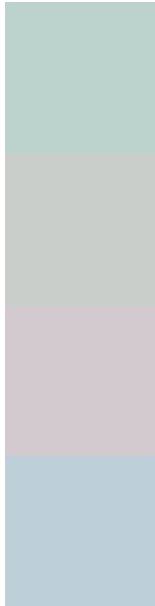




Tritanopia

57.0026, 60.9546, 79.2821

Trichromacy



Original Color

54.5596, 61.0658, 66.6689

Protanomaly

56.8194, 60.8244, 64.6227

Deuteranomaly

58.8395, 60.3989, 66.9495

Tritanomaly

56.0665, 60.9403, 74.4533

Monochromacy



Original Color

54.5596, 61.0658, 66.6689

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9963, 60.3726, 65.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5596, 61.0658, 66.6689 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(187, 210, 205)` looks like.

```
.text, #text, p{  
    color:rgb(187, 210, 205)  
}
```

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(187, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 210, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.5596, 61.0658, 66.6689 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(187, 210, 205) }
```


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

```
.border{ border-color:rgb(187, 210, 205) }
```

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

Here you see how a box with a 4 pixel rgb(187, 210, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(187, 210,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5596, 61.0658, 66.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 210, 205) }
```

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

```
.background{ background-color: rgb(187,  
210, 205) }
```

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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