

Converting Colors

XYZ(55.0207, 60.9912, 65.9438)

Have a look what the booklet for
XYZ(55.0207, 60.9912, 65.9438)
contains.

XYZ(54.9348, 60.9077, 65.9877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.9348, 60.9077,
65.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	BED1CC
RGB	190, 209, 204
RGB Percent	75%, 82%, 80%
CMY	0.2549, 0.1804, 0.2000
CMYK	0.09, 0.00, 0.02, 0.18
HSL	164°, 17%, 78%
HSV	164°, 9%, 82%
XYZ	54.9348, 60.9077, 65.9877
YIQ	202.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

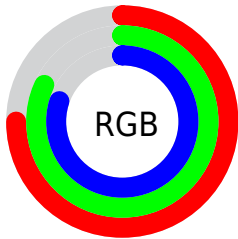
Format	Color
R _{YB}	190, 201, 209
Decimal	12505548
CIE Lab	82.33, -7.34, 0.28
CIE LCh	82, 7.346, 177.800
Yxy	60.9077, 0.3021, 0.3350
Android (android.graphics.Color)	4290695628 (0xFFBED1CC)
YUV	202.7490, 0.6167, -11.1809
Hunter-Lab	78.0434, -10.9296, 4.4991

Details

The XYZ color **54.9348, 60.9077, 65.9877** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5606, 54.3241, 59.2427**, and the grayscale version is **56.6094, 59.5575, 64.8581**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **27.5429, 30.9631, 33.3790** is the 20% darker color. If you saturate the color by 10%, you get **49.4362, 58.1497, 62.3466**, and if you desaturate by 10%, it is **61.2088, 64.0661, 69.7894**.

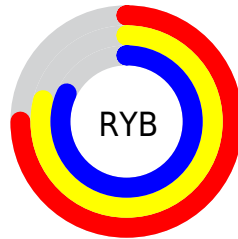
Distribution



Red (75%)

Green (82%)

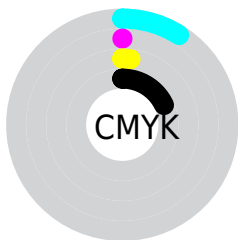
Blue (80%)



Red (75%)

Yellow (79%)

Blue (82%)

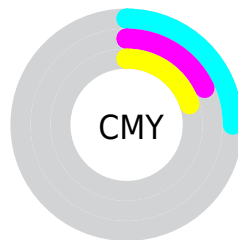


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9348, 60.9077, 65.9877 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 54.9348, 60.9077, 65.9877 by changing the saturation by 10% instead.

■ 54.9348, 60.9077,
65.9877

■ 54.9348, 60.9077,
65.9877

395.8052,
427.9355, 464.7359

■ 39.5832, 44.1507,
47.8060

■ 96.5943, 106.1453,
115.0955

■ 27.3965, 30.7890,
33.3144

123.6329,
135.3946, 146.8587

■ 18.0093, 20.4382,
22.0943

155.2978,
169.5769, 183.9861

■ 11.0564, 12.7140,
13.7272

191.9544,
209.0764, 226.8964

■ 6.1724, 7.2319,
7.7946

233.9681,
254.2777, 276.0079

■ 2.9918, 3.6075,
3.8779

281.7042,

■ 1.1494, 1.4565,

305.5650, 331.7393

1.5586

335.5281,
363.3228, 394.5091

■ 0.0659, 0.2578,
0.2610

■ 0.0000, 0.0000,
0.0000

■ 54.9348, 60.9077,
65.9877

■ 54.9348, 60.9077,
65.9877

■ 49.4362, 58.1497,
62.3466

■ 61.2088, 64.0661,
69.7894

■ 44.6759, 55.7679,
58.8593

■ 68.2830, 67.6327,
73.7502

■ 40.6213, 53.7473,
55.5242

■ 76.1876, 71.6245,
77.8741

■ 37.2356, 52.0689,
52.3385

■ 77.7708, 72.3549,
81.8275

■ 34.4782, 50.7119,
49.2988

■ 78.5383, 72.6619,
85.8692

■ 32.3043, 49.6530,
46.4018

■ 79.3303, 72.9787,
90.0398

■ 30.6629, 48.8662,
43.6437

■ 80.1470, 73.3053,
94.3404

■ 29.4937, 48.3203,
41.0204

■ 80.9886, 73.6420,
98.7720

■ 28.6978, 47.9644,
38.5258

■ 81.8552, 73.9886,
103.3359

Harmonies

Analogous

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



55.3810, 60.9077, 61.8295



54.9348, 60.9077, 65.9877



55.2688, 60.9077, 70.4205

Triad

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



54.9348, 60.9077, 65.9877



59.3062, 60.9077, 74.2400



59.5099, 60.9077, 59.2874

Complementary

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



54.9348, 60.9077, 65.9877



54.5606, 54.3241, 59.2427

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.



60.5947, 60.9077, 62.3782



54.9348, 60.9077, 65.9877



60.4756, 60.9077, 71.0189

Square

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



54.9348, 60.9077, 65.9877



57.7754, 60.9077, 75.3110



60.9513, 60.9077, 66.6497



58.0066, 60.9077, 58.0712

Rectangle

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



54.9348, 60.9077, 65.9877



55.8924, 60.9077, 72.9117



60.9513, 60.9077, 66.6497



59.9366, 60.9077, 60.1346

Sweetspot

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



54.9365, 60.9103, 65.9890



91.9687, 98.4488, 107.0720



54.6196, 60.9323, 57.5986



19.5130, 20.9855, 22.8141



0.0000, 0.0000, 0.0000



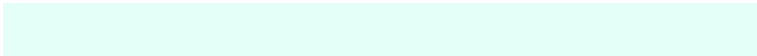
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9365, 60.9103, 65.9890



84.3063, 94.5962, 102.3094



54.4736, 59.0086, 68.8433



12.0199, 13.3517, 14.4614



17.6955, 29.5711, 23.8403



1.0211, 1.6661, 1.5000

Inverse Universe

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



54.5606, 54.3241, 59.2427



83.5949, 82.1306, 89.5415



54.9792, 56.0516, 56.6376



11.9347, 11.8586, 12.9320



16.6729, 8.5420, 3.1836



0.9654, 0.4909, 0.3527

Previews

White Background



This preview shows how the XYZ color 54.9348, 60.9077, 65.9877 looks on a white background.

Color Contrast Check

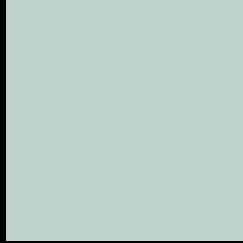
Large Text (above 18pt) WCAG AA × Fail

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 54.9348, 60.9077, 65.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

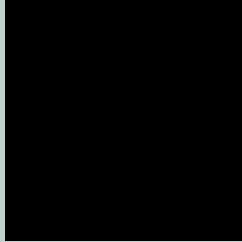
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

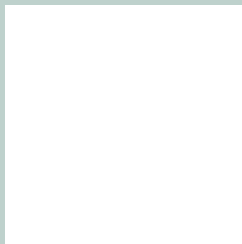
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9348, 60.9077, 65.9877

Background



This preview shows how black text looks on a background with the XYZ color 54.9348, 60.9077, 65.9877.



This preview shows how white text looks on a background with the XYZ color 54.9348, 60.9077,

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

54.9348, 60.9077, 65.9877

Protanopia

58.4300, 60.9581, 63.9448

Deuteranopia

61.7661, 60.5324, 66.8210



Tritanopia

57.3829, 60.8078, 78.5247

Trichromacy



Original Color

54.9348, 60.9077, 65.9877

Protanomaly

57.0891, 60.9634, 64.6353

Deuteranomaly

59.0039, 60.4977, 66.3250

Tritanomaly

56.4457, 60.7900, 73.7244

Monochromacy



Original Color

54.9348, 60.9077, 65.9877

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8995, 59.9802, 65.1310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9348, 60.9077, 65.9877 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(190, 209, 204) looks like.

```
.text, #text, p{  
    color:rgb(190, 209, 204)  
}
```

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(190, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.9348, 60.9077, 65.9877 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(190, 209, 204) }
```


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

```
.border{ border-color:rgb(190, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(190, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9348, 60.9077, 65.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 209, 204) }
```

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

```
.background{ background-color: rgb(190,  
209, 204) }
```

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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