

Converting Colors

XYZ(54.3190, 60.6041, 65.3348)

Have a look what the booklet for
XYZ(54.3190, 60.6041, 65.3348)
contains.

XYZ(54.3190, 60.6041, 65.3348)	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(54.3190, 60.6041,
65.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD1CB
RGB	188, 209, 203
RGB Percent	74%, 82%, 80%
CMY	0.2627, 0.1804, 0.2039
CMYK	0.10, 0.00, 0.03, 0.18
HSL	163°, 19%, 78%
HSV	163°, 10%, 82%
XYZ	54.3190, 60.6041, 65.3348
YIQ	202.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

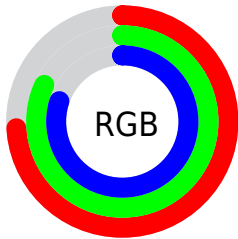
Format	Color
R _{YB}	188, 200, 209
Decimal	12374475
CIE Lab	82.17, -8.20, 0.56
CIE LCh	82, 8.216, 176.092
Yxy	60.6041, 0.3013, 0.3362
Android (android.graphics.Color)	4290564555 (0xFFBCD1CB)
YUV	202.0370, 0.4748, -12.3104
Hunter-Lab	77.8486, -11.6865, 4.7347

Details

The XYZ color **54.3190, 60.6041, 65.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0175, 53.4184, 58.5054**, and the grayscale version is **56.1654, 59.0904, 64.3494**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.1378, 30.7635, 32.9414** is the 20% darker color. If you saturate the color by 10%, you get **48.8406, 57.8622, 61.4344**, and if you desaturate by 10%, it is **60.5740, 63.7465, 69.4173**.

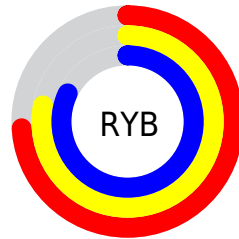
Distribution



Red (74%)

Green (82%)

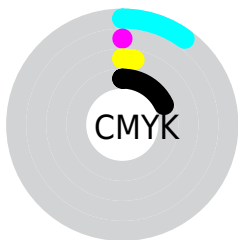
Blue (80%)



Red (74%)

Yellow (78%)

Blue (82%)

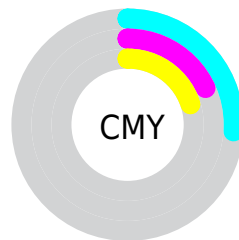


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3190, 60.6041, 65.3348 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 54.3190, 60.6041, 65.3348 by changing the saturation by 10% instead.

■ 54.3190, 60.6041,
65.3348

■ 54.3190, 60.6041,
65.3348

393.5038,
426.8209, 462.3332

■ 39.0884, 43.9057,
47.2795

■ 95.6966, 105.7055,
114.1489

■ 27.0096, 30.5964,
32.9008

122.5744,
134.8773, 145.7449

■ 17.7170, 20.2917,
21.7799

154.0653,
168.9758, 182.6915

■ 10.8455, 12.6073,
13.4985

190.5346,
208.3852, 225.4073

■ 6.0295, 7.1587,
7.6380

232.3478,
253.4900, 274.3108

■ 2.9039, 3.5615,
3.7798

279.8701,

■ 1.1031, 1.4314,

304.6747, 329.8206

1.5053

333.4670,
362.3235, 392.3553

■ 0.0277, 0.2397,
0.2219

■ 0.0000, 0.0000,
0.0000

■ 54.3190, 60.6041,
65.3348

■ 54.3190, 60.6041,
65.3348

■ 48.8406, 57.8622,
61.4344

■ 60.5740, 63.7465,
69.4173

■ 44.1013, 55.4966,
57.7089

■ 67.6306, 67.2972,
73.6808

■ 40.0684, 53.4920,
54.1565

■ 75.5192, 71.2737,
78.1296

■ 36.7045, 51.8292,
50.7738

■ 77.8925, 72.4036,
82.4682

■ 33.9688, 50.4873,
47.5572

■ 78.7311, 72.7390,
86.8842

■ 31.8157, 49.4427,
44.5029

■ 79.5986, 73.0860,
91.4524

■ 30.1935, 48.6689,
41.6066

■ 80.4952, 73.4447,
96.1742

■ 29.0408, 48.1341,
38.8637

■ 81.4214, 73.8151,
101.0511

■ 28.2478, 47.7817,
36.2796

■ 82.0916, 74.0832,
104.5805

Harmonies

Analogous

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



54.8621, 60.6041, 60.7703



54.3190, 60.6041, 65.3348



54.6410, 60.6041, 70.3052

Triad

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



54.3190, 60.6041, 65.3348



59.0909, 60.6041, 75.0001



59.4947, 60.6041, 58.3287

Complementary

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



54.3190, 60.6041, 65.3348



54.0175, 53.4184, 58.5054

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.



60.6689, 60.6041, 61.8504



54.3190, 60.6041, 65.3348



60.4325, 60.6041, 71.4952

Square

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



54.3190, 60.6041, 65.3348



57.3740, 60.6041, 76.0473



61.0155, 60.6041, 66.6447



57.8314, 60.6041, 56.8565

Rectangle

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



54.3190, 60.6041, 65.3348



55.3065, 60.6041, 73.1563



61.0155, 60.6041, 66.6447



59.9610, 60.6041, 59.3031

Sweetspot

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



54.3207, 60.6067, 65.3361



91.9412, 98.4378, 106.9274



54.2047, 60.7435, 56.4456



19.5055, 20.9825, 22.7750



0.0000, 0.0000, 0.0000



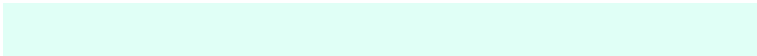
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3207, 60.6067, 65.3361



83.2982, 94.1007, 101.1662



54.0331, 58.8642, 68.8387



12.0083, 13.3471, 14.4001



17.4602, 29.4770, 22.6013



1.0095, 1.6615, 1.4389

Inverse Universe

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



54.0175, 53.4184, 58.5054



82.7322, 80.6781, 88.4122



54.2672, 54.9750, 55.3289



11.9457, 11.8630, 12.9898



16.7480, 8.5721, 3.5794



0.9708, 0.4930, 0.3811

Previews

White Background



This preview shows how the XYZ color 54.3190, 60.6041, 65.3348 looks on a white background.

Color Contrast Check

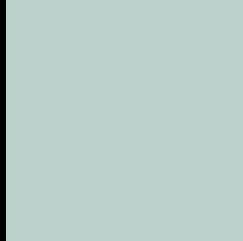
Large Text (above 18pt) WCAG AA × Fail

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 54.3190, 60.6041, 65.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

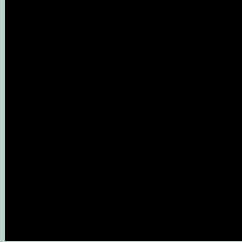
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

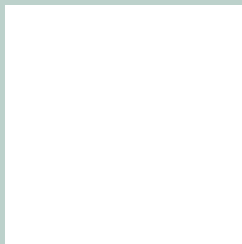
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3190, 60.6041, 65.3348

Background



This preview shows how black text looks on a background with the XYZ color 54.3190, 60.6041, 65.3348.



This preview shows how white text looks on a background with the XYZ color 54.3190, 60.6041,

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

54.3190, 60.6041, 65.3348

Protanopia

58.0758, 60.4373, 63.2482

Deuteranopia

61.6450, 60.4839, 66.1831



Tritanopia

56.7420, 60.4929, 77.7929

Trichromacy



Original Color

54.3190, 60.6041, 65.3348

Protanomaly

56.4613, 60.2972, 63.9210

Deuteranomaly

58.5980, 60.3023, 65.6778

Tritanomaly

55.8138, 60.4791, 73.0219

Monochromacy



Original Color

54.3190, 60.6041, 65.3348

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5179, 59.7972, 64.4930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3190, 60.6041, 65.3348 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(188, 209, 203)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 203)  
}
```

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(188, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.3190, 60.6041, 65.3348 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(188, 209, 203) }
```


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

```
.border{ border-color:rgb(188, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(188, 209,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3190, 60.6041, 65.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 203) }
```

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

```
.background{ background-color: rgb(188,  
209, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor