

Converting Colors

XYZ(53.1498, 58.1037, 68.5425)

Have a look what the booklet for
XYZ(53.1498, 58.1037, 68.5425)
contains.

XYZ(53.1091, 58.1035, 68.7375)	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(53.1091, 58.1035,
68.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CCD1
RGB	185, 204, 209
RGB Percent	73%, 80%, 82%
CMY	0.2745, 0.2000, 0.1804
CMYK	0.11, 0.02, 0.00, 0.18
HSL	192°, 21%, 77%
HSV	192°, 11%, 82%
XYZ	53.1091, 58.1035, 68.7375
YIQ	198.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

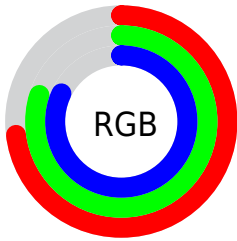
Format	Color
RYB	185, 196, 209
Decimal	12176593
CIELab	80.80, -5.40, -4.68
CIElCh	81, 7.145, 220.915
Yxy	58.1035, 0.2951, 0.3229
Android (android.graphics.Color)	4290366673 (0xFFB9CCD1)
YUV	198.8890, 4.9847, -12.1807
Hunter-Lab	76.2257, -9.0276, -0.1076




Details

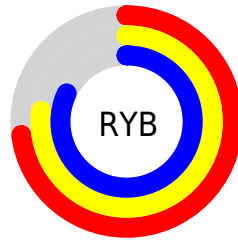
The XYZ color **53.1091, 58.1035, 68.7375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4652, 53.8847, 53.4829**, and the grayscale version is **54.1958, 57.0182, 62.0928**.




A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **26.3385, 29.0848, 35.2361** is the 20% darker color. If you saturate the color by 10%, you get **47.4137, 53.6549, 68.1799**, and if you desaturate by 10%, it is **59.5780, 62.9969, 69.3420**.

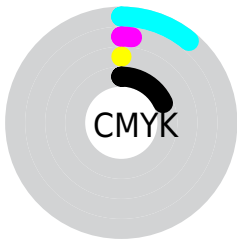
Distribution







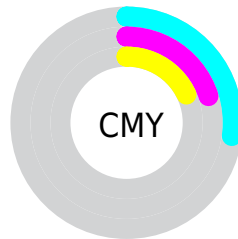
-  Red (73%)
-  Green (80%)
-  Blue (82%)






-  Red (73%)
-  Yellow (77%)
-  Blue (82%)



-  Cyan (11%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (27%)
-  Magenta (20%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1091, 58.1035, 68.7375 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 53.1091, 58.1035, 68.7375 by changing the saturation by 10% instead.

■ 53.1091, 58.1035,
68.7375

■ 53.1091, 58.1035,
68.7375

388.9576,
417.5715, 474.7734

■ 38.1177, 41.8919,
50.0275

■ 93.9295, 102.0736,
119.0707

■ 26.2517, 29.0166,
35.0639

120.4892,
130.6008, 151.5311

■ 17.1457, 19.0934,
23.4282

151.6356,
164.0020, 189.4120

■ 10.4344, 11.7378,
14.7017

187.7343,
202.6615, 233.1319

■ 5.7524, 6.5654,
8.4660

229.1504,
246.9639, 283.1095

■ 2.7343, 3.1918,
4.3026

276.2495,

■ 1.0149, 1.2327,

297.2934, 339.7633

1.7927

329.3967,
354.0345, 403.5117

■ 0.0000, 0.0882,
0.4232

■ 0.0000, 0.0000,
0.0000

■ 53.1091, 58.1035,
68.7375

■ 53.1091, 58.1035,
68.7375

■ 47.4137, 53.6549,
68.1799

■ 59.5780, 62.9969,
69.3420

■ 42.4542, 49.6266,
67.6638

■ 66.8457, 68.3438,
69.9910

■ 38.1975, 46.0029,
67.1887

■ 74.9428, 74.1618,
70.6872

■ 34.6059, 42.7639,
66.7528

■ 78.7138, 77.7935,
71.1895

31.6381, 39.8880,
66.3541

79.8805, 80.1269,
71.5784

29.2479, 37.3510,
65.9904

81.0772, 82.5204,
71.9773

27.3823, 35.1252,
65.6591

82.3042, 84.9744,
72.3863

25.9783, 33.1778,
65.3572

83.5616, 87.4892,
72.8054

25.0518, 31.6895,
65.1188

84.8497, 90.0654,
73.2348

Harmonies

Analogous

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



52.4862, 58.1035, 64.8160



53.1091, 58.1035, 68.7375



54.3031, 58.1035, 71.2591

Triad

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



53.1091, 58.1035, 68.7375



57.9507, 58.1035, 65.9592



54.6901, 58.1035, 55.6165

Complementary

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



53.1091, 58.1035, 68.7375



53.4652, 53.8847, 53.4829

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.



56.1586, 58.1035, 55.8920



53.1091, 58.1035, 68.7375



58.0588, 58.1035, 61.7386

Square

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



53.1091, 58.1035, 68.7375



57.1049, 58.1035, 69.6064



57.3977, 58.1035, 58.0906



53.3881, 58.1035, 57.3206

Rectangle

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



53.1091, 58.1035, 68.7375



55.2709, 58.1035, 71.7426



57.3977, 58.1035, 58.0906



55.1803, 58.1035, 55.4827

Sweetspot

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



53.1108, 58.1059, 68.7388



91.7853, 97.5658, 108.6022



52.0815, 59.6252, 57.3655



19.4632, 20.7462, 23.2285



0.0000, 0.0000, 0.0000



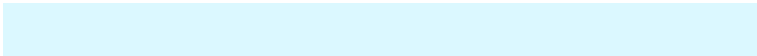
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1108, 58.1059, 68.7388



80.7882, 89.1955, 107.5662



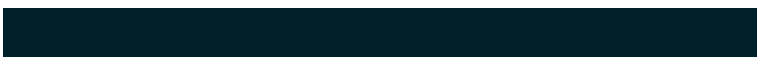
50.4108, 52.7060, 67.8388



11.9407, 12.9717, 15.1181



15.5189, 19.6844, 40.1740



0.9215, 1.2082, 2.2642

Inverse Universe

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



54.5439, 52.6141, 64.4104



83.5260, 78.8302, 99.2686



56.1260, 59.2063, 54.3698



12.2010, 11.9651, 14.3341



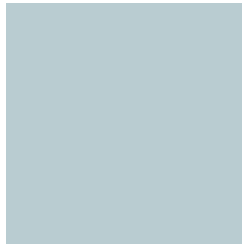
20.4640, 10.0584, 23.1471



1.1714, 0.5733, 1.4373

Previews

White Background



This preview shows how the XYZ color 53.1091, 58.1035, 68.7375 looks on a white background.

Color Contrast Check

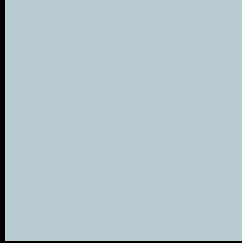
Large Text (above 18pt) WCAG AA × Fail

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 53.1091, 58.1035, 68.7375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

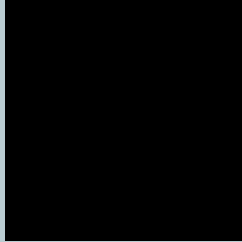
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1091, 58.1035, 68.7375

Background



This preview shows how black text looks on a background with the XYZ color 53.1091, 58.1035, 68.7375.



This preview shows how white text looks on a background with the XYZ color 53.1091, 58.1035,

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

53.1091, 58.1035, 68.7375

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

59.0740, 57.7338, 69.6582



Tritanopia

54.4002, 57.9203, 75.3304

Trichromacy



Original Color

53.1091, 58.1035, 68.7375

Protanomaly

54.9141, 58.0140, 67.3350

Deuteranomaly

56.7288, 57.8787, 69.1545

Tritanomaly

53.8714, 58.0573, 72.6568

Monochromacy



Original Color

53.1091, 58.1035, 68.7375

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9143, 57.5544, 64.7674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1091, 58.1035, 68.7375 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(185, 204, 209) looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 209)  
}
```

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(185, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 209) }
```

Border

The CSS property to change the border of an element to XYZ 53.1091, 58.1035, 68.7375 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(185, 204, 209) }
```


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

```
.border{ border-color:rgb(185, 204, 209) }
```

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

Here you see how a box with a 4 pixel rgb(185, 204, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1091, 58.1035, 68.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 209) }
```

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

```
.background{ background-color: rgb(185,  
204, 209) }
```

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