

Converting Colors

XYZ(53.6794, 58.9853, 62.9429)

Have a look what the booklet for
XYZ(53.6794, 58.9853, 62.9429)
contains.

XYZ(53.7425, 58.9091, 63.1816)	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(53.7425, 58.9091,
63.1816)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCDC8
RGB	191, 205, 200
RGB Percent	75%, 80%, 78%
CMY	0.2510, 0.1961, 0.2157
CMYK	0.07, 0.00, 0.02, 0.20
HSL	159°, 12%, 78%
HSV	159°, 7%, 80%
XYZ	53.7425, 58.9091, 63.1816
YIQ	200.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

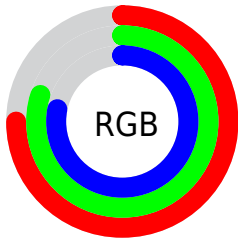
Format	Color
RYB	191, 200, 205
Decimal	12570056
CIELab	81.24, -5.69, 0.84
CIElCh	81, 5.750, 171.590
Yxy	58.9091, 0.3056, 0.3350
Android (android.graphics.Color)	4290760136 (0xFFBFCD8)
YUV	200.2440, -0.1203, -8.1070
Hunter-Lab	76.7523, -9.3294, 4.9197

Details

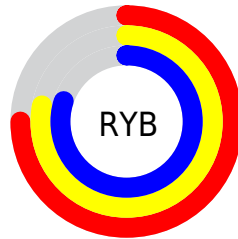
The XYZ color **53.7425, 58.9091, 63.1816** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7736, 54.2278, 59.8602**, and the grayscale version is **55.0551, 57.9223, 63.0773**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **26.7361, 29.6118, 31.5006** is the 20% darker color. If you saturate the color by 10%, you get **48.1081, 56.1027, 58.5565**, and if you desaturate by 10%, it is **60.1429, 62.1089, 68.0591**.

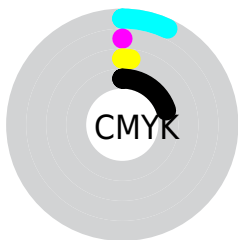
Distribution



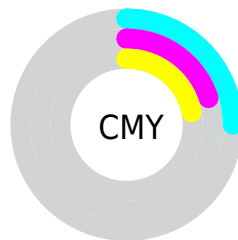
- Red (75%)
- Green (80%)
- Blue (78%)



- Red (75%)
- Yellow (78%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7425, 58.9091, 63.1816 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 53.7425, 58.9091, 63.1816 by changing the saturation by 10% instead.

■ 53.7425, 58.9091,
63.1816

■ 53.7425, 58.9091,
63.1816

391.3417,
420.5650, 454.3543

■ 38.6257, 42.5399,
45.5462

■ 94.8552, 103.2455,
111.0196

■ 26.6481, 29.5243,
31.5418

121.5817,
131.9816, 142.0592

■ 17.4443, 19.4778,
20.7498

152.9089,
165.6088, 178.4040

■ 10.6490, 12.0160,
12.7518

189.2021,
204.5115, 220.4725

■ 5.8969, 6.7546,
7.1291

230.8266,
249.0740, 268.6833

■ 2.8226, 3.3091,
3.4633

278.1478,

■ 1.0606, 1.2952,

299.6809, 323.4548

1.3358

331.5311,
356.7164, 385.2056

■ 0.0000, 0.1375,
0.0909

■ 0.0000, 0.0000,
0.0000

■ 53.7425, 58.9091,
63.1816

■ 53.7425, 58.9091,
63.1816

■ 48.1081, 56.1027,
58.5565

■ 60.1429, 62.1089,
68.0591

■ 43.2044, 53.6666,
54.1756

■ 67.3328, 65.7094,
73.1893

■ 39.0005, 51.5867,
50.0356

■ 75.3412, 69.7269,
78.5777

■ 35.4614, 49.8450,
46.1317

■ 77.2572, 70.5988,
83.9037

■ 32.5491, 48.4219,
42.4590

■ 78.3037, 71.0173,
89.4143

■ 30.2215, 47.2958,
39.0123

■ 79.3939, 71.4534,
95.1551

■ 28.4310, 46.4424,
35.7861

■ 80.5283, 71.9072,
101.1287

■ 27.1222, 45.8330,
32.7743

■ 81.1224, 72.1448,
104.2575

■ 26.2224, 45.4302,
29.9701

Harmonies

Analogous

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



54.2050, 58.9091, 60.1285



53.7425, 58.9091, 63.1816



53.8758, 58.9091, 66.6012

Triad

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



53.7425, 58.9091, 63.1816



56.8436, 58.9091, 70.4764



57.4353, 58.9091, 59.1083

Complementary

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



53.7425, 58.9091, 63.1816



53.7736, 54.2278, 59.8602

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.



58.1615, 58.9091, 61.7441



53.7425, 58.9091, 63.1816



57.8165, 58.9091, 68.3302

Square

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



53.7425, 58.9091, 63.1816



55.6550, 58.9091, 70.8947



58.3020, 58.9091, 65.1121



56.3290, 58.9091, 57.8323

Rectangle

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



53.7425, 58.9091, 63.1816



54.2855, 58.9091, 68.6233



58.3020, 58.9091, 65.1121



57.7326, 58.9091, 59.8601

Sweetspot

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



53.7442, 58.9116, 63.1829



92.9065, 98.9287, 107.2755



54.0369, 59.1805, 57.8661



19.9083, 21.1860, 22.9785



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.



53.7442, 58.9116, 63.1829



86.7875, 95.8736, 102.5035



53.8947, 58.2614, 66.1655



11.3665, 12.6563, 13.4873



16.2199, 28.2333, 18.3749



0.8721, 1.4707, 1.1342

Inverse Universe

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



53.7736, 54.2278, 59.8602



86.8442, 86.8520, 96.1038



53.6232, 54.8233, 57.0469



11.3752, 11.2788, 12.5102



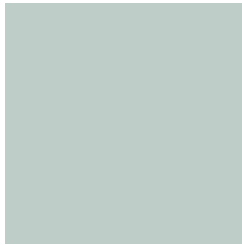
16.4687, 8.3981, 4.9208



0.8856, 0.4476, 0.4434

Previews

White Background



This preview shows how the XYZ color 53.7425, 58.9091, 63.1816 looks on a white background.

Color Contrast Check

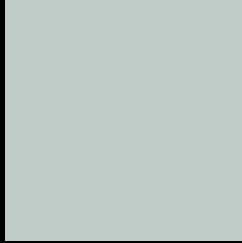
Large Text (above 18pt) WCAG AA × Fail

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 53.7425, 58.9091, 63.1816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

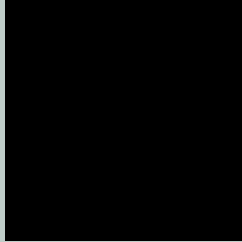
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

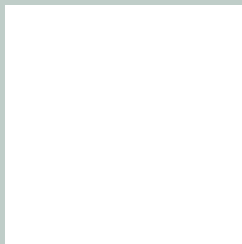
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7425, 58.9091, 63.1816

Background



This preview shows how black text looks on a background with the XYZ color 53.7425, 58.9091, 63.1816.



This preview shows how white text looks on a background with the XYZ color 53.7425, 58.9091,

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

53.7425, 58.9091, 63.1816

Protanopia

56.5333, 58.9723, 61.8293

Deuteranopia

59.9946, 58.6666, 64.0389



Tritanopia

56.0236, 58.7723, 74.7211

Trichromacy



Original Color

53.7425, 58.9091, 63.1816

Protanomaly

55.5167, 58.7821, 62.4529

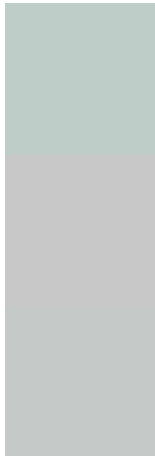
Deuteranomaly

57.5444, 58.7655, 63.5683

Tritanomaly

55.1061, 58.7525, 70.0640

Monochromacy



Original Color

53.7425, 58.9091, 63.1816

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5718, 58.2815, 63.0168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7425, 58.9091, 63.1816 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(191, 205, 200)` looks like.

```
.text, #text, p{  
    color:rgb(191, 205, 200)  
}
```

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(191, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 205, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.7425, 58.9091, 63.1816 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(191, 205, 200) }
```


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

```
.border{ border-color:rgb(191, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 205, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 205, 200);  
box-shadow:4px 4px 4px 4px rgb(191, 205,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7425, 58.9091, 63.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 205, 200) }
```

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

```
.background{ background-color: rgb(191,  
205, 200) }
```

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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