

Converting Colors

XYZ(53.0633, 58.4465, 63.7550)

Have a look what the booklet for
XYZ(53.0633, 58.4465, 63.7550)
contains.

XYZ(53.1130, 58.5711, 63.7643)	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(53.1130, 58.5711,
63.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCDC9
RGB	188, 205, 201
RGB Percent	74%, 80%, 79%
CMY	0.2627, 0.1961, 0.2118
CMYK	0.08, 0.00, 0.02, 0.20
HSL	166°, 15%, 77%
HSV	166°, 8%, 80%
XYZ	53.1130, 58.5711, 63.7643
YIQ	199.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

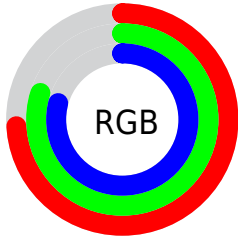
Format	Color
RYB	188, 198, 205
Decimal	12373449
CIELab	81.06, -6.51, 0.01
CIELCh	81, 6.506, 179.926
Yxy	58.5711, 0.3027, 0.3338
Android (android.graphics.Color)	4290563529 (0xFFBCCDC9)
YUV	199.4610, 0.7587, -10.0513
Hunter-Lab	76.5318, -10.0517, 4.1733

Details

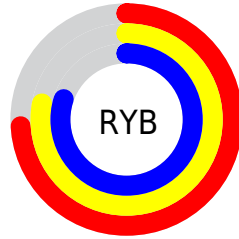
The XYZ color **53.1130, 58.5711, 63.7643** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6767, 52.7529, 57.2780**, and the grayscale version is **54.5693, 57.4111, 62.5207**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.3247, 29.3907, 31.8893** is the 20% darker color. If you saturate the color by 10%, you get **47.8586, 55.9286, 60.6017**, and if you desaturate by 10%, it is **59.1060, 61.5956, 67.0570**.

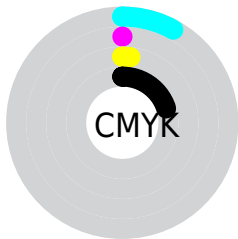
Distribution



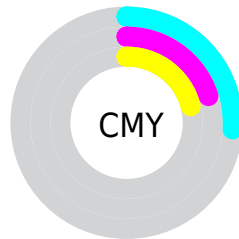
- Red (74%)
- Green (80%)
- Blue (79%)



- Red (74%)
- Yellow (78%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1130, 58.5711, 63.7643 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 53.1130, 58.5711, 63.7643 by changing the saturation by 10% instead.

■ 53.1130, 58.5711,
63.7643

■ 53.1130, 58.5711,
63.7643

388.9723,
419.3106, 456.5221

■ 38.1208, 42.2680,
46.0148

■ 93.9352, 102.7540,
111.8676

■ 26.2541, 29.3112,
31.9088

120.4959,
131.4026, 143.0586

■ 17.1475, 19.3163,
21.0276

151.6435,
164.9352, 179.5671

■ 10.4357, 11.8991,
12.9527

187.7433,
203.7360, 221.8117

■ 5.7532, 6.6750,
7.2657

229.1608,
248.1896, 270.2109

■ 2.7349, 3.2597,
3.5478

276.2612,

■ 1.0151, 1.2688,

298.6803, 325.1834

1.3807

329.4099,
355.5925, 387.1476

■ 0.0000, 0.1168,
0.1266

■ 0.0000, 0.0000,
0.0000

■ 53.1130, 58.5711,
63.7643

■ 53.1130, 58.5711,
63.7643

■ 47.8586, 55.9286,
60.6017

■ 59.1060, 61.5956,
67.0570

■ 43.3075, 53.6449,
57.5632

■ 65.8610, 65.0092,
70.4782

■ 39.4290, 51.7060,
54.6475

■ 73.4067, 68.8283,
74.0312

■ 36.1882, 50.0938,
51.8523

■ 76.0316, 70.1086,
77.4495

■ 33.5469, 48.7887,
49.1749

■ 76.6815, 70.3685,
80.8718

■ 31.4627, 47.7688,
46.6124

■ 77.3500, 70.6359,
84.3922

■ 29.8876, 47.0094,
44.1616

■ 78.0373, 70.9108,
88.0114

■ 28.7652, 46.4815,
41.8190

■ 78.7435, 71.1933,
91.7303

■ 28.0100, 46.1410,
39.5797

■ 79.4688, 71.4834,
95.5496

Harmonies

Analogous

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



53.4526, 58.5711, 60.1186



53.1130, 58.5711, 63.7643



53.4493, 58.5711, 67.5572

Triad

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



53.1130, 58.5711, 63.7643



56.9759, 58.5711, 70.4403



56.9818, 58.5711, 57.5512

Complementary

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



53.1130, 58.5711, 63.7643



52.6767, 52.7529, 57.2780

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.



57.9515, 58.5711, 60.1347



53.1130, 58.5711, 63.7643



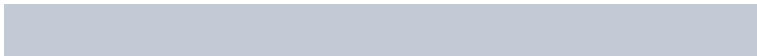
57.9481, 58.5711, 67.5746

Square

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



53.1130, 58.5711, 63.7643



55.6667, 58.5711, 71.5053



58.3079, 58.5711, 63.7836



55.6735, 58.5711, 56.6211

Rectangle

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



53.1130, 58.5711, 63.7643



54.0147, 58.5711, 69.6369



58.3079, 58.5711, 63.7836



57.3589, 58.5711, 58.2497

Sweetspot

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



53.1147, 58.5736, 63.7656



93.0058, 98.9684, 107.7983



52.7119, 58.5352, 56.0981



19.9285, 21.1941, 23.0849



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.



53.1147, 58.5736, 63.7656



85.3312, 95.0997, 103.4780



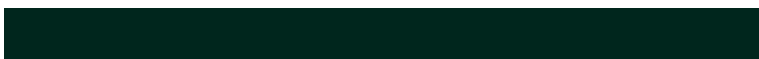
52.5888, 56.7582, 65.9443



11.4259, 12.6801, 13.8002



17.4037, 28.7068, 24.6085



0.9259, 1.4922, 1.4175

Inverse Universe

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



52.6767, 52.7529, 57.2780



84.4662, 83.6031, 90.6646



53.1605, 54.4209, 55.2803



11.3188, 11.2562, 12.2133



16.0401, 8.2266, 2.6641



0.8579, 0.4366, 0.2977

Previews

White Background



This preview shows how the XYZ color 53.1130, 58.5711, 63.7643 looks on a white background.

Color Contrast Check

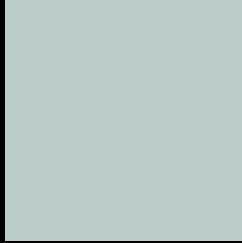
Large Text (above 18pt) WCAG AA × Fail

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 53.1130, 58.5711, 63.7643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

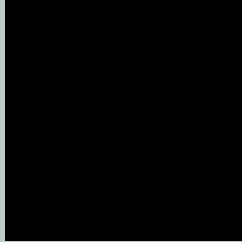
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

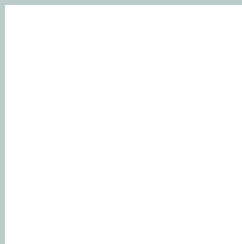
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1130, 58.5711, 63.7643

Background



This preview shows how black text looks on a background with the XYZ color 53.1130, 58.5711, 63.7643.



This preview shows how white text looks on a background with the XYZ color 53.1130, 58.5711,

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

53.1130, 58.5711, 63.7643

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

59.5080, 58.4021, 64.6362



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

53.1130, 58.5711, 63.7643

Protanomaly

54.9825, 58.5067, 62.4279

Deuteranomaly

57.0965, 58.5210, 64.1635

Tritanomaly

54.4748, 58.4125, 70.6910

Monochromacy



Original Color

53.1130, 58.5711, 63.7643

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8176, 57.5455, 62.9145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1130, 58.5711, 63.7643 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, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(188, 205, 201)  
}
```

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, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 205, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.1130, 58.5711, 63.7643 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, 205, 201) }
```


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

```
.border{ border-color:rgb(188, 205, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 205, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(188, 205,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1130, 58.5711, 63.7643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 205, 201) }
```

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

```
.background{ background-color: rgb(188,  
205, 201) }
```

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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