

Converting Colors

XYZ(53.1681, 58.8391, 65.1491)

Have a look what the booklet for
XYZ(53.1681, 58.8391, 65.1491)
contains.

XYZ(53.1005, 58.8935, 65.0688)	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(53.1005, 58.8935,
65.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	BACECB
RGB	186, 206, 203
RGB Percent	73%, 81%, 80%
CMY	0.2706, 0.1921, 0.2039
CMYK	0.10, 0.00, 0.01, 0.19
HSL	171°, 17%, 77%
HSV	171°, 10%, 81%
XYZ	53.1005, 58.8935, 65.0688
YIQ	199.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

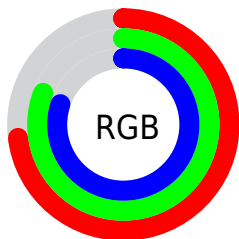
Format	Color
RYB	186, 197, 206
Decimal	12242635
CIELab	81.23, -7.30, -0.82
CIELCh	81, 7.350, 186.393
Yxy	58.8935, 0.2999, 0.3326
Android (android.graphics.Color)	4290432715 (0xFFBACECB)
YUV	199.6780, 1.6377, -11.9956
Hunter-Lab	76.7421, -10.7884, 3.4481

Details

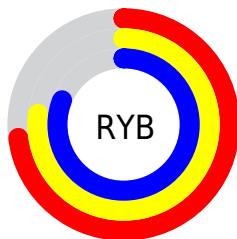
The XYZ color **53.1005, 58.8935, 65.0688** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1999, 51.9153, 55.4163**, and the grayscale version is **54.6981, 57.5467, 62.6684**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.3259, 29.6129, 32.7621** is the 20% darker color. If you saturate the color by 10%, you get **48.0877, 56.3531, 62.9304**, and if you desaturate by 10%, it is **58.8455, 61.8138, 67.2823**.

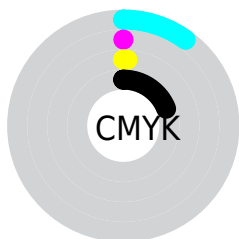
Distribution



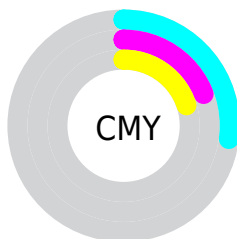
- Red (73%)
- Green (81%)
- Blue (80%)



- Red (73%)
- Yellow (77%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1005, 58.8935, 65.0688 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 53.1005, 58.8935, 65.0688 by changing the saturation by 10% instead.

■ 53.1005, 58.8935,
65.0688

■ 53.1005, 58.8935,
65.0688

388.9251,
420.5071, 461.3521

■ 38.1108, 42.5274,
47.0652

■ 93.9169, 103.2229,
113.7630

■ 26.2463, 29.5145,
32.7325

120.4743,
131.9549, 145.2906

■ 17.1416, 19.4704,
21.6521

151.6183,
165.5777, 182.1634

■ 10.4315, 12.0106,
13.4057

187.7143,
204.4757, 224.7997

■ 5.7504, 6.7509,
7.5745

229.1276,
249.0332, 273.6182

■ 2.7331, 3.3068,
3.7400

276.2237,

■ 1.0143, 1.2939,

299.6347, 329.0374

1.4838

329.3677,
356.6646, 391.4759

■ 0.0000, 0.1365,
0.2058

■ 0.0000, 0.0000,
0.0000

■ 53.1005, 58.8935,
65.0688

■ 53.1005, 58.8935,
65.0688

■ 48.0877, 56.3531,
62.9304

■ 58.8455, 61.8138,
67.2823

■ 43.7713, 54.1692,
60.8615

■ 65.3467, 65.1214,
69.5686

■ 40.1201, 52.3274,
58.8617

■ 72.6330, 68.8329,
71.9305

■ 37.0983, 50.8093,
56.9291

■ 75.6261, 70.3303,
74.1305

■ 34.6669, 49.5947,
55.0616

■ 76.0283, 70.4912,
76.2485

■ 32.7826, 48.6612,
53.2569

■ 76.4381, 70.6551,
78.4063

■ 31.3957, 47.9835,
51.5126

■ 76.8554, 70.8220,
80.6041

■ 30.4478, 47.5312,
49.8257

■ 77.2804, 70.9920,
82.8422

■ 29.8341, 47.2503,
48.1910

■ 77.7131, 71.1651,
85.1207

Harmonies

Analogous

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



53.3211, 58.8935, 60.8064



53.1005, 58.8935, 65.0688



53.6392, 58.8935, 69.2606

Triad

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



53.1005, 58.8935, 65.0688



57.7421, 58.8935, 71.1568



57.1642, 58.8935, 56.7028

Complementary

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



53.1005, 58.8935, 65.0688



52.1999, 51.9153, 55.4163

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.



58.3808, 58.8935, 59.2497



53.1005, 58.8935, 65.0688



58.7187, 58.8935, 67.5622

Square

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



53.1005, 58.8935, 65.0688



56.3051, 58.8935, 72.8774



58.9545, 58.8935, 63.1904



55.6492, 58.8935, 56.1030

Rectangle

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



53.1005, 58.8935, 65.0688



54.3622, 58.8935, 71.4092



58.9545, 58.8935, 63.1904



57.6224, 58.8935, 57.3538

Sweetspot

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



53.1022, 58.8960, 65.0701



92.1069, 98.5041, 107.7999



52.0051, 58.5518, 55.0160



19.5504, 21.0004, 23.0111



0.0000, 0.0000, 0.0000



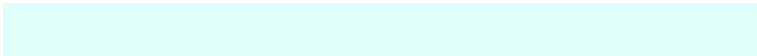
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1022, 58.8960, 65.0701



83.9437, 94.3589, 104.5654



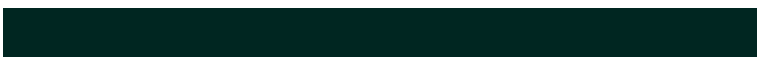
51.8923, 55.8978, 66.4498



11.4681, 12.6970, 14.0222



18.3885, 29.1007, 29.7947



0.9688, 1.5093, 1.6432

Inverse Universe

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



52.1999, 51.9153, 55.4163



82.1453, 80.4434, 85.3220



53.3149, 54.6616, 54.1961



11.2798, 11.2407, 12.0082



15.8477, 8.1497, 1.6510



0.8400, 0.4294, 0.2035

Previews

White Background



This preview shows how the XYZ color 53.1005, 58.8935, 65.0688 looks on a white background.

Color Contrast Check

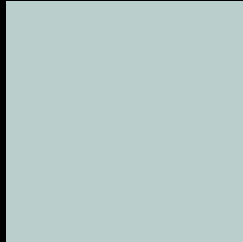
Large Text (above 18pt) WCAG AA × Fail

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 53.1005, 58.8935, 65.0688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

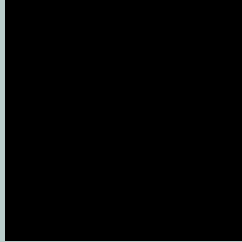
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

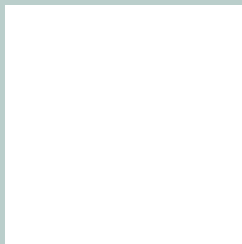
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1005, 58.8935, 65.0688

Background



This preview shows how black text looks on a background with the XYZ color 53.1005, 58.8935, 65.0688.

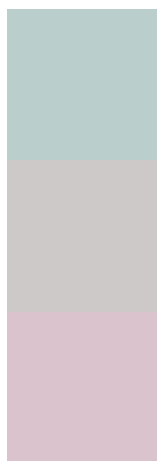


This preview shows how white text looks on a background with the XYZ color 53.1005, 58.8935,

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

53.1005, 58.8935, 65.0688

Protanopia

56.4888, 58.9226, 63.0395

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

55.2605, 58.6980, 76.1275

Trichromacy



Original Color

53.1005, 58.8935, 65.0688

Protanomaly

55.1873, 58.9347, 63.7252

Deuteranomaly

57.0546, 58.4719, 65.4058

Tritanomaly

54.4695, 58.7321, 72.0839

Monochromacy



Original Color

53.1005, 58.8935, 65.0688

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1688, 58.0602, 63.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1005, 58.8935, 65.0688 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(186, 206, 203) looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 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(186, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.1005, 58.8935, 65.0688 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(186, 206, 203) }
```


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

```
.border{ border-color:rgb(186, 206, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1005, 58.8935, 65.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 203) }
```

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

```
.background{ background-color: rgb(186,  
206, 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