

Converting Colors

XYZ(53.9358, 57.7050, 78.8289)

Have a look what the booklet for
XYZ(53.9358, 57.7050, 78.8289)
contains.

XYZ(53.8665, 57.5680, 78.7937)	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(53.8665, 57.5680,
78.7937)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CAE0
RGB	182, 202, 224
RGB Percent	71%, 79%, 88%
CMY	0.2863, 0.2078, 0.1216
CMYK	0.19, 0.10, 0.00, 0.12
HSL	211°, 40%, 80%
HSV	211°, 19%, 88%
XYZ	53.8665, 57.5680, 78.7937
YIQ	198.5280, -18.9820, 2.6020

Conversions

Conversions Part 2

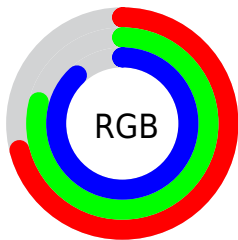
Format	Color
R_{YB}	182, 196, 224
Decimal	11979488
CIE _{Lab}	80.50, -2.17, -13.18
CIE _{LCh}	80, 13.360, 260.672
Yxy	57.5680, 0.2832, 0.3026
Android (android.graphics.Color)	4290169568 (0xFFB6CAE0)
YUV	198.5280, 12.5577, -14.4951
Hunter-Lab	75.8736, -6.0526, -8.4604

Details

The XYZ color **53.8665, 57.5680, 78.7937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7773, 62.4104, 53.1003**, and the grayscale version is **53.9334, 56.7422, 61.7922**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.8046, 28.7115, 41.6652** is the 20% darker color. If you saturate the color by 10%, you get **46.3450, 49.7595, 77.6839**, and if you desaturate by 10%, it is **62.4469, 66.2360, 80.0155**.

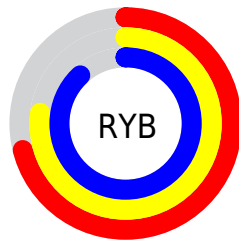
Distribution



Red (71%)

Green (79%)

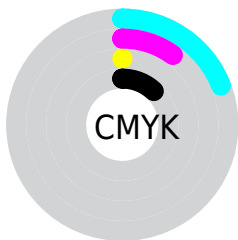
Blue (88%)



Red (71%)

Yellow (77%)

Blue (88%)

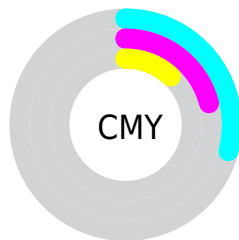


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (12%)



Cyan (29%)

Magenta (21%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8665, 57.5680, 78.7937 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 53.8665, 57.5680, 78.7937 by changing the saturation by 10% instead.

■ 53.8665, 57.5680,
78.7937

■ 53.8665, 57.5680,
78.7937

391.8074,
415.5743, 510.4573

■ 38.7252, 41.4614,
58.2059

■ 95.0362, 101.2935,
133.4644

■ 26.7258, 28.6798,
41.5584

121.7954,
129.6812, 168.3844

■ 17.5029, 18.8387,
28.4327

153.1578,
162.9315, 208.9189

■ 10.6912, 11.5538,
18.4102

189.4890,
201.4286, 255.4864

■ 5.9253, 6.4406,
11.0724

231.1542,
245.5571, 308.5054

■ 2.8400, 3.1148,
6.0008

278.5187,

■ 1.0697, 1.1920,

295.7013, 368.3946

2.7768

331.9480,
352.2455, 435.5724

■ 0.0000, 0.0551,
0.9818

■ 0.0000, 0.0000,
0.0000

■ 53.8665, 57.5680,
78.7937

■ 53.8665, 57.5680,
78.7937

■ 46.3450, 49.7595,
77.6839

■ 62.4469, 66.2360,
80.0155

■ 39.8325, 42.7735,
76.6787

■ 72.1231, 75.7848,
81.3486

■ 34.2825, 36.5805,
75.7758

■ 82.9362, 86.2435,
82.7974

■ 29.6426, 31.1460,
74.9714

■ 88.5496, 94.3516,
84.0666

■ 25.8548, 26.4324,
74.2612

■ 90.4547, 98.1619,
84.7016

■ 22.8537, 22.3981,
73.6407

■ 20.5626, 18.9952,
73.1046

■ 18.8680, 16.1563,
72.6460

■ 18.6792, 15.8308,
72.5931

Harmonies

Analogous

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



51.4428, 57.5680, 75.1024



53.8665, 57.5680, 78.7937



56.5991, 57.5680, 77.8974

Triad

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



53.8665, 57.5680, 78.7937



59.7993, 57.5680, 57.5010



50.7388, 57.5680, 53.5908

Complementary

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



53.8665, 57.5680, 78.7937



60.7773, 62.4104, 53.1003

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.



52.8764, 57.5680, 49.5889



53.8665, 57.5680, 78.7937



58.1266, 57.5680, 51.7121

Square

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



53.8665, 57.5680, 78.7937



60.0860, 57.5680, 65.1613



55.5757, 57.5680, 48.9311



49.6771, 57.5680, 60.2660

Rectangle

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



53.8665, 57.5680, 78.7937



58.2253, 57.5680, 74.8459



55.5757, 57.5680, 48.9311



51.3519, 57.5680, 51.9126

Sweetspot

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



53.8682, 57.5704, 78.7950



87.1401, 92.2061, 107.8125



56.8113, 67.6027, 66.9938



18.4743, 19.5600, 23.0517



0.0000, 0.0000, 0.0000



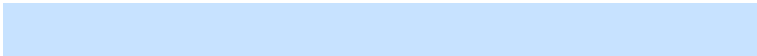
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8682, 57.5704, 78.7950



68.6692, 73.5334, 105.1819



49.6409, 48.8696, 77.3384



13.4878, 14.3147, 17.4398



10.9861, 9.4417, 42.2918



0.8507, 0.8329, 2.9612

Inverse Universe

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



58.1305, 53.5688, 63.1558



75.3155, 67.5309, 80.7419



65.6241, 72.4254, 54.7780



13.9777, 13.8087, 15.6527



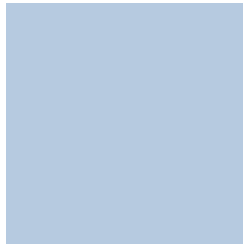
19.4855, 9.8612, 9.2221



1.3957, 0.7015, 0.8764

Previews

White Background



This preview shows how the XYZ color 53.8665, 57.5680, 78.7937 looks on a white background.

Color Contrast Check

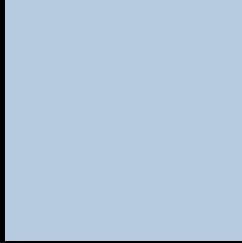
Large Text (above 18pt) WCAG AA × Fail

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 53.8665, 57.5680, 78.7937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

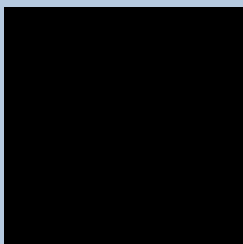
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

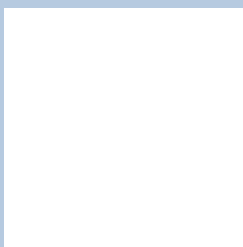
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8665, 57.5680, 78.7937

Background



This preview shows how black text looks on a background with the XYZ color 53.8665, 57.5680, 78.7937.



This preview shows how white text looks on a background with the XYZ color 53.8665, 57.5680,

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

53.8665, 57.5680, 78.7937

Protanopia

56.0102, 57.3444, 76.5231

Deuteranopia

58.7514, 57.3400, 79.9227



Tritanopia

53.1982, 57.6501, 75.3416

Trichromacy



Original Color

53.8665, 57.5680, 78.7937

Protanomaly

55.0941, 57.1971, 77.2436

Deuteranomaly

56.8456, 57.3745, 79.3125

Tritanomaly

53.4631, 57.7561, 76.7368

Monochromacy



Original Color

53.8665, 57.5680, 78.7937

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0318, 57.2001, 67.8674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8665, 57.5680, 78.7937 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(182, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 224)  
}
```

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(182, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.8665, 57.5680, 78.7937 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(182, 202, 224) }
```


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

```
.border{ border-color:rgb(182, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8665, 57.5680, 78.7937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 224) }
```

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

```
.background{ background-color: rgb(182,  
202, 224) }
```

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