

Converting Colors

XYZ(53.8739, 59.0495, 66.5374)

Have a look what the booklet for
XYZ(53.8739, 59.0495, 66.5374)
contains.

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Color

**XYZ(53.8370, 58.8892,
66.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCDCD
RGB	189, 205, 205
RGB Percent	74%, 80%, 80%
CMY	0.2588, 0.1961, 0.1961
CMYK	0.08, 0.00, 0.00, 0.20
HSL	180°, 14%, 77%
HSV	180°, 8%, 80%
XYZ	53.8370, 58.8892, 66.2869
YIQ	200.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

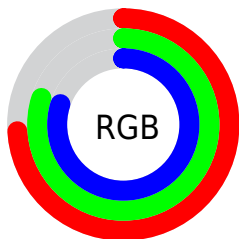
Format	Color
R _{YB}	189, 197, 205
Decimal	12438989
CIE Lab	81.23, -5.40, -1.87
CIE LCh	81, 5.713, 199.078
Yxy	58.8892, 0.3007, 0.3290
Android (android.graphics.Color)	4290629069 (0xFFBDCDCD)
YUV	200.2160, 2.3585, -9.8364
Hunter-Lab	76.7393, -9.0658, 2.5032

Details

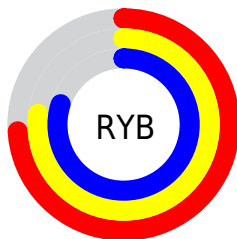
The XYZ color **53.8370, 58.8892, 66.2869** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5618, 53.0500, 55.6161**, and the grayscale version is **55.0243, 57.8898, 63.0420**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **26.8059, 29.6018, 33.5791** is the 20% darker color. If you saturate the color by 10%, you get **49.1069, 56.4524, 66.0643**, and if you desaturate by 10%, it is **59.2893, 61.7015, 66.5457**.

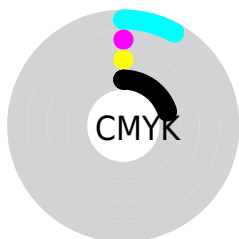
Distribution



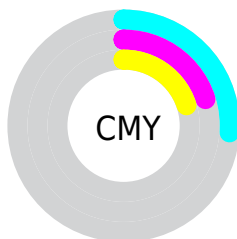
- Red (74%)
- Green (80%)
- Blue (80%)



- Red (74%)
- Yellow (77%)
- Blue (80%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8370, 58.8892, 66.2869 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 53.8370, 58.8892, 66.2869 by changing the saturation by 10% instead.

■ 53.8370, 58.8892,
66.2869

■ 53.8370, 58.8892,
66.2869

391.6966,
420.4912, 465.8344

■ 38.7015, 42.5239,
48.0474

■ 94.9932, 103.2166,
115.5289

■ 26.7073, 29.5118,
33.5042

121.7446,
131.9475, 147.3685

■ 17.4890, 19.4683,
22.2387

153.0986,
165.5692, 184.5786

■ 10.6812, 12.0091,
13.8324

189.4207,
204.4658, 227.5776

■ 5.9186, 6.7499,
7.8668

231.0762,
249.0220, 276.7842

■ 2.8358, 3.3062,
3.9233

278.4305,

■ 1.0675, 1.2936,

299.6220, 332.6168

1.5833

331.8488,
356.6503, 395.4941

■ 0.0000, 0.1362,
0.2789

■ 0.0000, 0.0000,
0.0000

■ 53.8370, 58.8892,
66.2869

■ 53.8370, 58.8892,
66.2869

■ 49.1069, 56.4524,
66.0643

■ 59.2893, 61.7015,
66.5457

■ 45.0640, 54.3683,
65.8727

■ 65.4869, 64.8964,
66.8382

■ 41.6777, 52.6226,
65.7118

■ 72.4582, 68.4903,
67.1669

■ 38.9135, 51.1977,
65.5800

■ 74.0939, 69.3334,
67.2459

■ 36.7336, 50.0740,
65.4755

■ 74.0944, 69.3336,
67.2483

■ 35.0959, 49.2298,
65.3964

■ 74.0948, 69.3338,
67.2508

■ 33.9530, 48.6406,
65.3405

■ 74.0953, 69.3340,
67.2533

■ 33.2492, 48.2778,
65.3051

■ 74.0958, 69.3342,
67.2557

■ 32.9041, 48.1000,
65.2865

■ 74.0962, 69.3344,
67.2582

Harmonies

Analogous

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



53.7549, 58.8892, 62.8863



53.8370, 58.8892, 66.2869



54.4865, 58.8892, 69.2021

Triad

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



53.8370, 58.8892, 66.2869



57.7198, 58.8892, 68.5107



56.4072, 58.8892, 57.8968

Complementary

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



53.8370, 58.8892, 66.2869



52.5618, 53.0500, 55.6161

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.



57.4851, 58.8892, 59.2936



53.8370, 58.8892, 66.2869



58.2501, 58.8892, 65.3704

Square

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



53.8370, 58.8892, 66.2869



56.7239, 58.8892, 70.5171



58.1636, 58.8892, 62.0015



55.2276, 58.8892, 58.1226

Rectangle

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



53.8370, 58.8892, 66.2869



55.1590, 58.8892, 70.4403



58.1636, 58.8892, 62.0015



56.7937, 58.8892, 58.1902

Sweetspot

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



53.8387, 58.8917, 66.2882



93.1984, 99.0455, 108.8125



52.0708, 58.1922, 56.6328



19.9677, 21.2098, 23.2913



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.



53.8387, 58.8917, 66.2882



87.1042, 95.9039, 108.5245



52.0342, 55.2821, 65.6885



11.5432, 12.7270, 14.4180



20.4480, 29.9245, 40.6395



1.0549, 1.5438, 2.0967

Inverse Universe

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



52.5618, 53.0500, 55.6161



84.6839, 84.8307, 88.2950



54.2700, 56.4668, 56.1838



11.2124, 11.2137, 11.6534



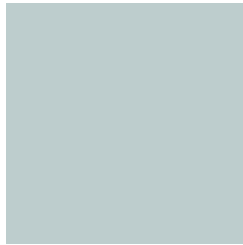
15.6737, 8.0801, 0.7344



0.8086, 0.4169, 0.0380

Previews

White Background



This preview shows how the XYZ color 53.8370, 58.8892, 66.2869 looks on a white background.

Color Contrast Check

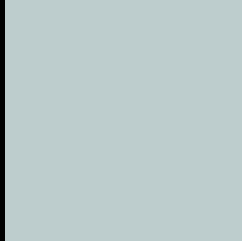
Large Text (above 18pt) WCAG AA × Fail

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 53.8370, 58.8892, 66.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

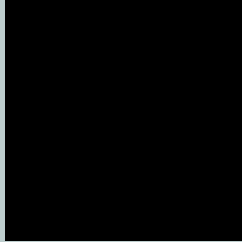
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

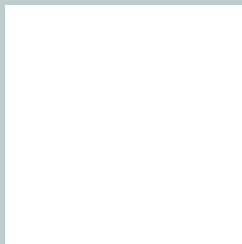
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8370, 58.8892, 66.2869

Background



This preview shows how black text looks on a background with the XYZ color 53.8370, 58.8892, 66.2869.

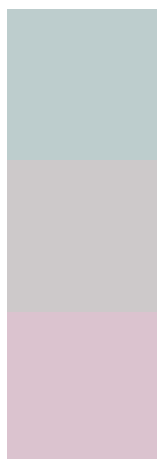


This preview shows how white text looks on a background with the XYZ color 53.8370, 58.8892,

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

53.8370, 58.8892, 66.2869

Protanopia

56.7242, 59.0167, 64.2788

Deuteranopia

59.9910, 58.5953, 67.1796



Tritanopia

55.6280, 58.9027, 75.4553

Trichromacy



Original Color

53.8370, 58.8892, 66.2869

Protanomaly

55.4532, 58.6950, 64.9065

Deuteranomaly

57.5764, 58.7130, 66.6907

Tritanomaly

54.9657, 58.9879, 72.1071

Monochromacy



Original Color

53.8370, 58.8892, 66.2869

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5462, 58.2411, 64.2439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8370, 58.8892, 66.2869 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(189, 205, 205) looks like.

```
.text, #text, p{  
    color:rgb(189, 205, 205)  
}
```

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(189, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 205, 205) }
```

Border

The CSS property to change the border of an element to XYZ 53.8370, 58.8892, 66.2869 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(189, 205, 205) }
```


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

```
.border{ border-color:rgb(189, 205, 205) }
```

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

Here you see how a box with a 4 pixel rgb(189, 205, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(189, 205,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8370, 58.8892, 66.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 205, 205) }
```

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

```
.background{ background-color: rgb(189,  
205, 205) }
```

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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