

Converting Colors

XYZ(53.6357, 59.3169, 67.3658)

Have a look what the booklet for
XYZ(53.6357, 59.3169, 67.3658)
contains.

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Color

**XYZ(53.8250, 59.5697,
67.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	BACFCF
RGB	186, 207, 207
RGB Percent	73%, 81%, 81%
CMY	0.2706, 0.1882, 0.1882
CMYK	0.10, 0.00, 0.00, 0.19
HSL	180°, 18%, 77%
HSV	180°, 10%, 81%
XYZ	53.8250, 59.5697, 67.6927
YIQ	200.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

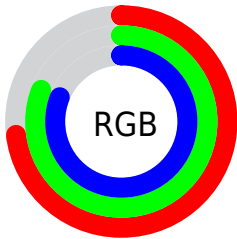
Format	Color
RYB	186, 197, 207
Decimal	12242895
CIELab	81.60, -7.04, -2.41
CIELCh	82, 7.440, 198.932
Yxy	59.5697, 0.2972, 0.3290
Android (android.graphics.Color)	4290432975 (0xFFBACFCF)
YUV	200.7210, 3.0955, -12.9103
Hunter-Lab	77.1814, -10.5846, 2.0261

Details

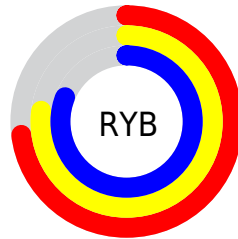
The XYZ color **53.8250, 59.5697, 67.6927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1561, 51.9300, 53.7316**, and the grayscale version is **55.3330, 58.2146, 63.3957**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.8139, 30.0689, 34.5276** is the 20% darker color. If you saturate the color by 10%, you get **49.1560, 57.1644, 67.4736**, and if you desaturate by 10%, it is **59.2259, 62.3556, 67.9486**.

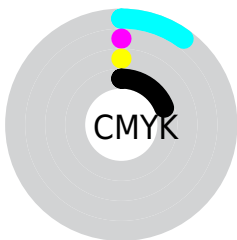
Distribution



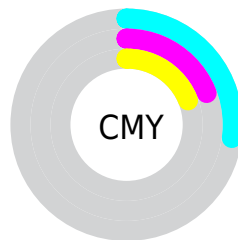
- Red (73%)
- Green (81%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8250, 59.5697, 67.6927 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 53.8250, 59.5697, 67.6927 by changing the saturation by 10% instead.

■ 53.8250, 59.5697,
67.6927

■ 53.8250, 59.5697,
67.6927

391.6516,
423.0099, 470.9749

■ 38.6919, 43.0719,
49.1826

■ 94.9756, 104.2052,
117.5625

■ 26.6998, 29.9415,
34.3978

121.7239,
133.1117, 149.7593

■ 17.4833, 19.7942,
22.9195

153.0745,
166.9232, 187.3554

■ 10.6771, 12.2455,
14.3293

189.3930,
206.0241, 230.7694

■ 5.9158, 6.9111,
8.2087

231.0445,
250.7989, 280.4198

■ 2.8341, 3.4066,
4.1391

278.3946,

■ 1.0667, 1.3475,

301.6318, 336.7252

1.7020

331.8085,
358.9074, 400.1040

■ 0.0000, 0.1775,
0.3621

■ 0.0000, 0.0000,
0.0000

■ 53.8250, 59.5697,
67.6927

■ 53.8250, 59.5697,
67.6927

■ 49.1560, 57.1644,
67.4736

■ 59.2259, 62.3556,
67.9486

■ 45.1827, 55.1161,
67.2857

■ 65.3830, 65.5296,
68.2386

■ 41.8733, 53.4101,
67.1290

■ 72.3256, 69.1086,
68.5654

■ 39.1916, 52.0277,
67.0016

■ 74.8180, 70.3934,
68.6839

■ 37.0980, 50.9485,
66.9017

■ 74.8184, 70.3936,
68.6858

■ 35.5484, 50.1496,
66.8273

■ 74.8187, 70.3937,
68.6877

■ 34.4924, 49.6053,
66.7760

■ 74.8191, 70.3939,
68.6896

■ 33.8703, 49.2846,
66.7450

■ 74.8195, 70.3940,
68.6915

■ 33.5733, 49.1316,
66.7292

■ 74.8198, 70.3942,
68.6935

Harmonies

Analogous

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



53.7220, 59.5697, 63.2236



53.8250, 59.5697, 67.6927



54.6686, 59.5697, 71.5660

Triad

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



53.8250, 59.5697, 67.6927



58.9143, 59.5697, 70.6790



57.1979, 59.5697, 56.7792

Complementary

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



53.8250, 59.5697, 67.6927



52.1561, 51.9300, 53.7316

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.



58.6157, 59.5697, 58.5889



53.8250, 59.5697, 67.6927



59.6188, 59.5697, 66.5270

Square

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



53.8250, 59.5697, 67.6927



57.5994, 59.5697, 73.3441



59.5085, 59.5697, 62.1099



55.6502, 59.5697, 57.0591

Rectangle

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



53.8250, 59.5697, 67.6927



55.5462, 59.5697, 73.2251



59.5085, 59.5697, 62.1099



57.7060, 59.5697, 57.1599

Sweetspot

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



53.8267, 59.5722, 67.6940



92.2912, 98.5778, 108.7700



51.5123, 58.6563, 55.0622



19.6003, 21.0204, 23.2740



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.



53.8267, 59.5722, 67.6940



84.6739, 94.6510, 108.4107



51.4461, 54.8104, 66.9023



12.1584, 13.4071, 15.1903



21.1517, 30.9536, 42.0406



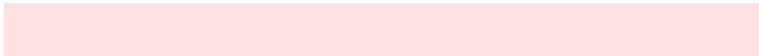
1.1827, 1.7307, 2.3508

Inverse Universe

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



52.1561, 51.9300, 53.7316



81.5128, 80.1904, 81.9910



54.3710, 56.3602, 54.4684



11.8088, 11.8083, 12.2692



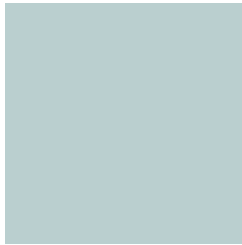
16.2125, 8.3579, 0.7594



0.9065, 0.4673, 0.0426

Previews

White Background



This preview shows how the XYZ color 53.8250, 59.5697, 67.6927 looks on a white background.

Color Contrast Check

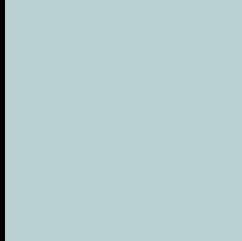
Large Text (above 18pt) WCAG AA × Fail

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 53.8250, 59.5697, 67.6927 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

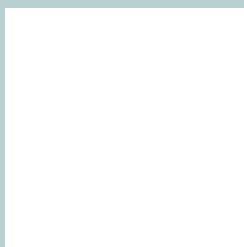
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8250, 59.5697, 67.6927

Background



This preview shows how black text looks on a background with the XYZ color 53.8250, 59.5697, 67.6927.

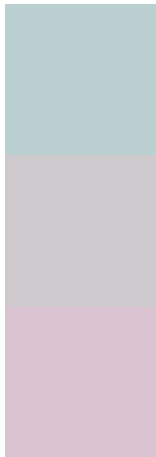


This preview shows how white text looks on a background with the XYZ color 53.8250, 59.5697,

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

53.8250, 59.5697, 67.6927

Protanopia

57.2393, 59.2547, 65.5472

Deuteranopia

60.4620, 59.1434, 68.5507



Tritanopia

55.6215, 59.5745, 76.9741

Trichromacy



Original Color

53.8250, 59.5697, 67.6927

Protanomaly

55.9286, 59.2618, 66.2485

Deuteranomaly

57.7716, 59.1280, 68.0425

Tritanomaly

54.9595, 59.6653, 73.5856

Monochromacy



Original Color

53.8250, 59.5697, 67.6927

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9004, 58.7594, 64.9481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8250, 59.5697, 67.6927 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, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 207)  
}
```

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, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.8250, 59.5697, 67.6927 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, 207, 207) }
```


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

```
.border{ border-color:rgb(186, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8250, 59.5697, 67.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 207, 207) }
```

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

```
.background{ background-color: rgb(186,  
207, 207) }
```

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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