

Converting Colors

XYZ(53.6701, 59.2556, 67.2056)

Have a look what the booklet for
XYZ(53.6701, 59.2556, 67.2056)
contains.

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Color

**XYZ(53.4616, 59.0379,
66.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	BACECE
RGB	186, 206, 206
RGB Percent	73%, 81%, 81%
CMY	0.2706, 0.1921, 0.1922
CMYK	0.10, 0.00, 0.00, 0.19
HSL	180°, 17%, 77%
HSV	180°, 10%, 81%
XYZ	53.4616, 59.0379, 66.9703
YIQ	200.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

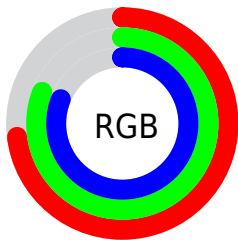
Format	Color
RYB	186, 196, 206
Decimal	12242638
CIELab	81.31, -6.72, -2.31
CIELCh	81, 7.100, 198.959
Yxy	59.0379, 0.2979, 0.3290
Android (android.graphics.Color)	4290432718 (0xFFBACECE)
YUV	200.0200, 2.9481, -12.2955
Hunter-Lab	76.8361, -10.2652, 2.1082

Details

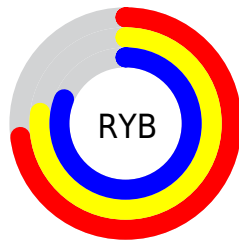
The XYZ color **53.4616, 59.0379, 66.9703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8776, 51.7864, 53.7186**, and the grayscale version is **54.9011, 57.7602, 62.9009**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.5686, 29.7100, 34.0401** is the 20% darker color. If you saturate the color by 10%, you get **48.8135, 56.6433, 66.7521**, and if you desaturate by 10%, it is **58.8346, 61.8094, 67.2249**.

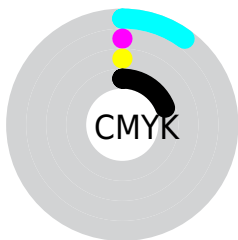
Distribution



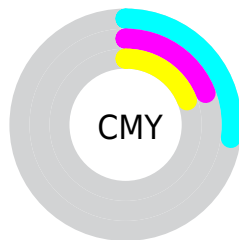
- Red (73%)
- Green (81%)
- Blue (81%)



- 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 53.4616, 59.0379, 66.9703 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 53.4616, 59.0379, 66.9703 by changing the saturation by 10% instead.

■ 53.4616, 59.0379,
66.9703

■ 53.4616, 59.0379,
66.9703

390.2855,
421.0424, 468.3377

■ 38.4003, 42.6436,
48.5990

■ 94.4448, 103.4327,
116.5181

■ 26.4722, 29.6056,
33.9382

121.0974,
132.2021, 148.5317

■ 17.3117, 19.5394,
22.5691

152.3446,
165.8653, 185.9299

■ 10.5537, 12.0607,
14.0734

188.5516,
204.8067, 229.1311

■ 5.8326, 6.7850,
8.0324

230.0839,
249.4107, 278.5540

■ 2.7833, 3.3280,
4.0276

277.3067,

■ 1.0402, 1.3053,

300.0617, 334.6170

1.6405

330.5855,
357.1441, 397.7387

■ 0.0000, 0.1453,
0.3195

■ 0.0000, 0.0000,
0.0000

■ 53.4616, 59.0379,
66.9703

■ 53.4616, 59.0379,
66.9703

■ 48.8135, 56.6433,
66.7521

■ 58.8346, 61.8094,
67.2249

■ 44.8544, 54.6024,
66.5650

■ 64.9564, 64.9652,
67.5132

■ 41.5533, 52.9007,
66.4086

■ 71.8559, 68.5220,
67.8380

■ 38.8743, 51.5196,
66.2814

■ 74.4546, 69.8616,
67.9615

■ 36.7786, 50.4393,
66.1814

■ 74.4549, 69.8618,
67.9634

■ 35.2227, 49.6373,
66.1067

■ 74.4553, 69.8619,
67.9653

■ 34.1573, 49.0880,
66.0550

■ 74.4556, 69.8620,
67.9671

■ 33.5237, 48.7615,
66.0235

■ 74.4560, 69.8622,
67.9690

■ 33.2174, 48.6036,
66.0073

■ 74.4564, 69.8623,
67.9709

Harmonies

Analogous

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



53.3631, 59.0379, 62.7318



53.4616, 59.0379, 66.9703



54.2634, 59.0379, 70.6363

Triad

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



53.4616, 59.0379, 66.9703



58.2906, 59.0379, 69.7912



56.6613, 59.0379, 56.6002

Complementary

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



53.4616, 59.0379, 66.9703



51.8776, 51.7864, 53.7186

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.



58.0057, 59.0379, 58.3212



53.4616, 59.0379, 66.9703



58.9574, 59.0379, 65.8580

Square

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



53.4616, 59.0379, 66.9703



57.0447, 59.0379, 72.3138



58.8522, 59.0379, 61.6671



55.1930, 59.0379, 56.8686

Rectangle

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



53.4616, 59.0379, 66.9703



55.0968, 59.0379, 72.2041



58.8522, 59.0379, 61.6671



57.1431, 59.0379, 56.9621

Sweetspot

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



53.4633, 59.0404, 66.9716



92.2911, 98.5778, 108.7700



51.2668, 58.1711, 54.9815



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.



53.4633, 59.0404, 66.9716



84.6739, 94.6510, 108.4107



51.2072, 54.5276, 66.2213



11.5432, 12.7270, 14.4182



20.4487, 29.9248, 40.6432



1.0549, 1.5438, 2.0969

Inverse Universe

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



51.8776, 51.7864, 53.7186



81.5128, 80.1904, 81.9910



53.9835, 55.9987, 54.4190



11.2124, 11.2137, 11.6533



15.6737, 8.0800, 0.7342



0.8086, 0.4168, 0.0380

Previews

White Background



This preview shows how the XYZ color 53.4616, 59.0379, 66.9703 looks on a white background.

Color Contrast Check

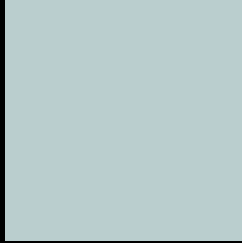
Large Text (above 18pt) WCAG AA × Fail

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 53.4616, 59.0379, 66.9703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

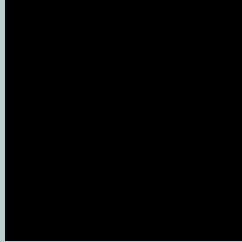
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

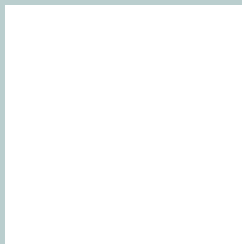
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4616, 59.0379, 66.9703

Background



This preview shows how black text looks on a background with the XYZ color 53.4616, 59.0379, 66.9703.



This preview shows how white text looks on a background with the XYZ color 53.4616, 59.0379,

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

53.4616, 59.0379, 66.9703

Protanopia

56.8430, 59.0642, 64.9045

Deuteranopia

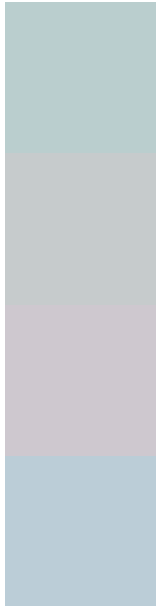
60.0385, 58.9393, 67.8866



Tritanopia

55.2502, 59.0444, 76.1949

Trichromacy



Original Color

53.4616, 59.0379, 66.9703

Protanomaly

55.5437, 59.0773, 65.6023

Deuteranomaly

57.3704, 58.9354, 67.3834

Tritanomaly

54.5906, 59.1337, 72.8267

Monochromacy



Original Color

53.4616, 59.0379, 66.9703

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2869, 58.1074, 64.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4616, 59.0379, 66.9703 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, 206) looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 206)  
}
```

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, 206) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 53.4616, 59.0379, 66.9703 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, 206) }
```


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

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

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, 206)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 53.4616, 59.0379, 66.9703 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, 206) }
```

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

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

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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