

Converting Colors

XYZ(53.6300, 59.4312, 66.5435)

Have a look what the booklet for
XYZ(53.6300, 59.4312, 66.5435)
contains.

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Color

**XYZ(53.5820, 59.4725,
66.4129)**

Conversions

Conversions Part 1

Format	Color
Hex	BACFCD
RGB	186, 207, 205
RGB Percent	73%, 81%, 80%
CMY	0.2706, 0.1882, 0.1961
CMYK	0.10, 0.00, 0.01, 0.19
HSL	174°, 18%, 77%
HSV	174°, 10%, 81%
XYZ	53.5820, 59.4725, 66.4129
YIQ	200.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

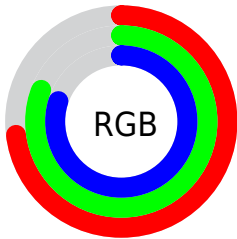
Format	Color
R _{YB}	186, 197, 207
Decimal	12242893
CIE Lab	81.55, -7.43, -1.42
CIE LCh	82, 7.567, 190.838
Yxy	59.4725, 0.2986, 0.3314
Android (android.graphics.Color)	4290432973 (0xFFBACFCD)
YUV	200.4930, 2.2220, -12.7104
Hunter-Lab	77.1184, -10.9351, 2.9235

Details

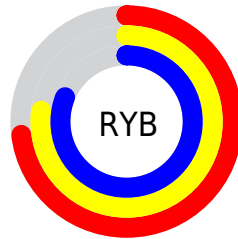
The XYZ color **53.5820, 59.4725, 66.4129** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3703, 52.0157, 54.8595**, and the grayscale version is **55.1971, 58.0716, 63.2400**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.6500, 30.0034, 33.6648** is the 20% darker color. If you saturate the color by 10%, you get **48.6765, 56.9726, 64.9483**, and if you desaturate by 10%, it is **59.2225, 62.3542, 67.9301**.

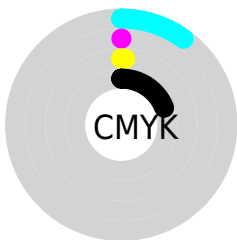
Distribution



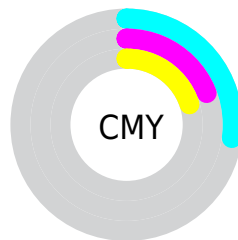
- Red (73%)
- Green (81%)
- Blue (80%)



- 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 53.5820, 59.4725, 66.4129 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 53.5820, 59.4725, 66.4129 by changing the saturation by 10% instead.

■ 53.5820, 59.4725,
66.4129

■ 53.5820, 59.4725,
66.4129

390.7384,
422.6507, 466.2966

■ 38.4969, 42.9936,
48.1491

■ 94.6207, 104.0641,
115.7114

■ 26.5475, 29.8801,
33.5841

121.3051,
132.9455, 147.5831

■ 17.3685, 19.7476,
22.2995

152.5866,
166.7300, 184.8279

■ 10.5945, 12.2117,
13.8767

188.8305,
205.8018, 227.8643

■ 5.8602, 6.8880,
7.8972

230.4024,
250.5454, 277.1108

■ 2.8001, 3.3922,
3.9424

277.6674,

■ 1.0489, 1.3397,

301.3451, 332.9860

1.5938

330.9910,
358.5854, 395.9084

■ 0.0000, 0.1717,
0.2864

■ 0.0000, 0.0000,
0.0000

■ 53.5820, 59.4725,
66.4129

■ 53.5820, 59.4725,
66.4129

■ 48.6765, 56.9726,
64.9483

■ 59.2225, 62.3542,
67.9301

■ 44.4697, 54.8309,
63.5308

■ 65.6221, 65.6252,
69.4973

■ 40.9297, 53.0327,
62.1601

■ 72.8103, 69.3025,
71.1172

■ 38.0205, 51.5592,
60.8344

■ 75.5512, 70.6867,
72.5449

■ 35.7023, 50.3902,
59.5519

■ 75.8032, 70.7875,
73.8720

■ 33.9311, 49.5027,
58.3104

■ 76.0583, 70.8896,
75.2152

■ 32.6564, 48.8709,
57.1075

■ 76.3165, 70.9928,
76.5746

■ 31.8185, 48.4639,
55.9403

■ 76.5777, 71.0973,
77.9503

■ 31.3117, 48.2269,
54.8199

■ 76.8420, 71.2030,
79.3422

Harmonies

Analogous

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



53.6927, 59.4725, 61.9286



53.5820, 59.4725, 66.4129



54.2491, 59.4725, 70.6409

Triad

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



53.5820, 59.4725, 66.4129



58.5461, 59.4725, 71.5958



57.5345, 59.4725, 56.8451

Complementary

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



53.5820, 59.4725, 66.4129



52.3703, 52.0157, 54.8595

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.



58.8674, 59.4725, 59.2063



53.5820, 59.4725, 66.4129



59.4590, 59.4725, 67.6670

Square

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



53.5820, 59.4725, 66.4129



57.1026, 59.4725, 73.7250



59.5776, 59.4725, 63.1258



55.9549, 59.4725, 56.5446

Rectangle

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



53.5820, 59.4725, 66.4129



55.0527, 59.4725, 72.6919



59.5776, 59.4725, 63.1258



58.0271, 59.4725, 57.4188

Sweetspot

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



53.5837, 59.4750, 66.4142



92.1741, 98.5309, 108.1534



51.9413, 58.8774, 55.0823



19.5686, 21.0077, 23.1069



0.0000, 0.0000, 0.0000



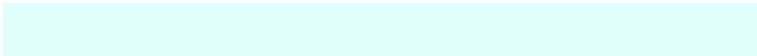
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5837, 59.4750, 66.4142



84.2083, 94.4647, 105.9587



51.8455, 55.6092, 67.0354



12.1077, 13.3868, 14.9237



19.7461, 30.3914, 34.6385



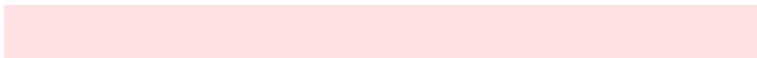
1.1185, 1.7051, 2.0129

Inverse Universe

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



52.3703, 52.0157, 54.8595



81.9124, 80.3502, 84.0954



53.9781, 55.5745, 54.3375



11.8539, 11.8263, 12.5064



16.3063, 8.3954, 1.2532



0.9278, 0.4758, 0.1547

Previews

White Background



This preview shows how the XYZ color 53.5820, 59.4725, 66.4129 looks on a white background.

Color Contrast Check

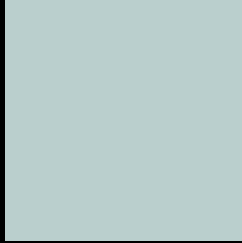
Large Text (above 18pt) WCAG AA × Fail

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 53.5820, 59.4725, 66.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

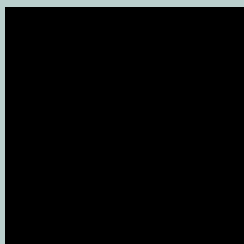
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

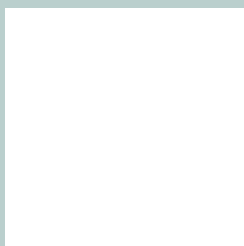
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5820, 59.4725, 66.4129

Background



This preview shows how black text looks on a background with the XYZ color 53.5820, 59.4725, 66.4129.

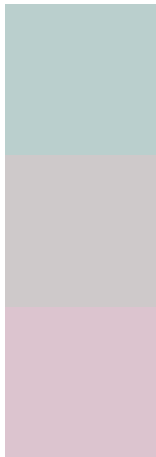


This preview shows how white text looks on a background with the XYZ color 53.5820, 59.4725,

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

53.5820, 59.4725, 66.4129

Protanopia

57.0009, 59.1594, 64.2917

Deuteranopia

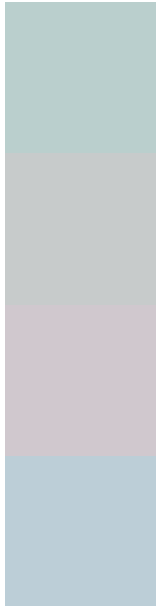
60.5176, 59.2005, 67.2687



Tritanopia

55.8687, 59.7019, 76.9856

Trichromacy



Original Color

53.5820, 59.4725, 66.4129

Protanomaly

55.6886, 59.1658, 64.9849

Deuteranomaly

57.8073, 59.1747, 66.7676

Tritanomaly

55.0761, 59.7403, 72.9182

Monochromacy



Original Color

53.5820, 59.4725, 66.4129

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5223, 58.5782, 64.3102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5820, 59.4725, 66.4129 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, 205) looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 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(186, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 53.5820, 59.4725, 66.4129 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, 205) }
```


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

```
.border{ border-color:rgb(186, 207, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5820, 59.4725, 66.4129 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, 205) }
```

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

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