

Converting Colors

XYZ(53.8728, 58.4089, 65.5623)

Have a look what the booklet for
XYZ(53.8728, 58.4089, 65.5623)
contains.

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Color

**XYZ(53.9778, 58.6217,
65.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCCCC
RGB	191, 204, 204
RGB Percent	75%, 80%, 80%
CMY	0.2510, 0.2000, 0.2000
CMYK	0.06, 0.00, 0.00, 0.20
HSL	180°, 11%, 77%
HSV	180°, 6%, 80%
XYZ	53.9778, 58.6217, 65.5969
YIQ	200.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

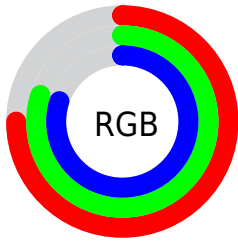
Format	Color
RYB	191, 198, 204
Decimal	12569804
CIELab	81.08, -4.40, -1.53
CIELCh	81, 4.662, 199.176
Yxy	58.6217, 0.3029, 0.3290
Android (android.graphics.Color)	4290759884 (0xFFBFCCCC)
YUV	200.1130, 1.9163, -7.9921
Hunter-Lab	76.5648, -8.1468, 2.7987

Details

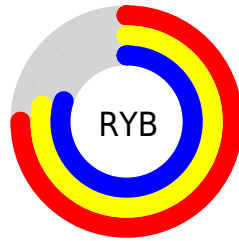
The XYZ color **53.9778, 58.6217, 65.5969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9388, 53.8621, 56.8993**, and the grayscale version is **54.9627, 57.8250, 62.9714**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **26.8926, 29.4180, 33.1150** is the 20% darker color. If you saturate the color by 10%, you get **49.2004, 56.1606, 65.3714**, and if you desaturate by 10%, it is **59.4731, 61.4562, 65.8584**.

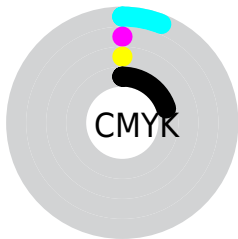
Distribution



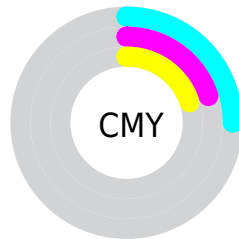
- Red (75%)
- Green (80%)
- Blue (80%)



- Red (75%)
- Yellow (78%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9778, 58.6217, 65.5969 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 53.9778, 58.6217, 65.5969 by changing the saturation by 10% instead.

■ 53.9778, 58.6217,
65.5969

■ 53.9778, 58.6217,
65.5969

392.2251,
419.4986, 463.2987

■ 38.8145, 42.3087,
47.4908

■ 95.1987, 102.8276,
114.5291

■ 26.7955, 29.3431,
33.0667

121.9871,
131.4893, 146.1922

■ 17.5555, 19.3405,
21.9060

153.3812,
165.0361, 183.2115

■ 10.7291, 11.9166,
13.5902

189.7464,
203.8522, 226.0055

■ 5.9509, 6.6869,
7.7007

231.4480,
248.3221, 274.9926

■ 2.8556, 3.2671,
3.8190

278.8514,

■ 1.0779, 1.2727,

298.8302, 330.5915

1.5266

332.3220,
355.7609, 393.2207

■ 0.0065, 0.1199,
0.2376

■ 0.0000, 0.0000,
0.0000

■ 53.9778, 58.6217,
65.5969

■ 53.9778, 58.6217,
65.5969

■ 49.2004, 56.1606,
65.3714

■ 59.4731, 61.4562,
65.8584

■ 45.1067, 54.0502,
65.1767

■ 65.7090, 64.6709,
66.1534

■ 41.6667, 52.2769,
65.0126

■ 72.7134, 68.2817,
66.4843

■ 38.8468, 50.8233,
64.8775

■ 73.7356, 68.8086,
66.5352

■ 36.6100, 49.6702,
64.7698

■ 73.7362, 68.8088,
66.5384

■ 34.9155, 48.7968,
64.6873

■ 73.7368, 68.8090,
66.5415

■ 33.7173, 48.1791,
64.6282

■ 73.7374, 68.8093,
66.5446

■ 32.9618, 47.7897,
64.5897

■ 73.7380, 68.8095,
66.5478

■ 32.5804, 47.5932,
64.5687

■ 73.7386, 68.8097,
66.5509

Harmonies

Analogous

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



53.9091, 58.6217, 62.8328



53.9778, 58.6217, 65.5969



54.5097, 58.6217, 67.9503

Triad

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



53.9778, 58.6217, 65.5969



57.1392, 58.6217, 67.3793



56.0686, 58.6217, 58.7329

Complementary

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



53.9778, 58.6217, 65.5969



52.9388, 53.8621, 56.8993

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.



56.9444, 58.6217, 59.8779



53.9778, 58.6217, 65.5969



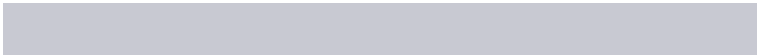
57.5673, 58.6217, 64.8358

Square

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



53.9778, 58.6217, 65.5969



56.3321, 58.6217, 68.9998



57.4955, 58.6217, 62.0933



55.1087, 58.6217, 58.9233

Rectangle

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



53.9778, 58.6217, 65.5969



55.0588, 58.6217, 68.9446



57.4955, 58.6217, 62.0933



56.3828, 58.6217, 58.9730

Sweetspot

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



53.9795, 58.6242, 65.5982



93.1983, 99.0454, 108.8123



52.5389, 58.0543, 57.7277



19.9677, 21.2098, 23.2912



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.



53.9795, 58.6242, 65.5982



87.9382, 96.3338, 108.5630



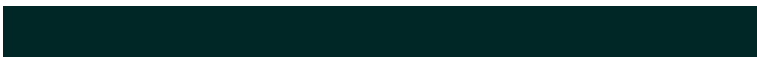
52.5160, 55.6966, 65.1122



11.5432, 12.7270, 14.4179



20.4471, 29.9242, 40.6352



1.0549, 1.5438, 2.0965

Inverse Universe

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



52.9388, 53.8621, 56.8993



85.7723, 86.4232, 90.4590



54.3386, 56.6624, 57.3642



11.2125, 11.2137, 11.6535



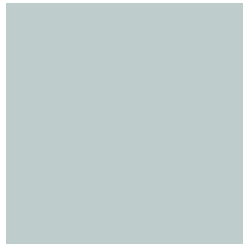
15.6737, 8.0801, 0.7347



0.8086, 0.4169, 0.0381

Previews

White Background



This preview shows how the XYZ color 53.9778, 58.6217, 65.5969 looks on a white background.

Color Contrast Check

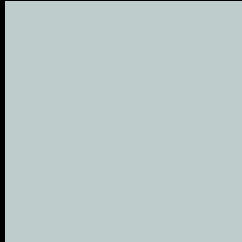
Large Text (above 18pt) WCAG AA × Fail

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 53.9778, 58.6217, 65.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

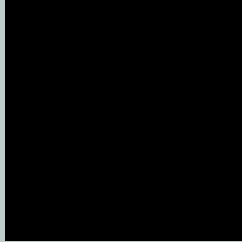
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

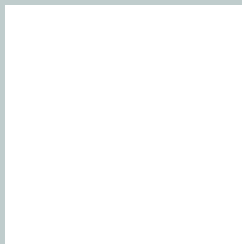
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9778, 58.6217, 65.5969

Background



This preview shows how black text looks on a background with the XYZ color 53.9778, 58.6217, 65.5969.

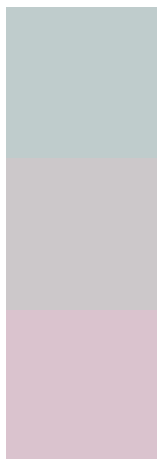


This preview shows how white text looks on a background with the XYZ color 53.9778, 58.6217,

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

53.9778, 58.6217, 65.5969

Protanopia

56.2168, 58.4102, 64.1885

Deuteranopia

59.5691, 58.3919, 66.5236



Tritanopia

55.7677, 58.6405, 74.7091

Trichromacy



Original Color

53.9778, 58.6217, 65.5969

Protanomaly

55.2193, 58.2272, 64.8285

Deuteranomaly

57.2260, 58.2058, 65.9763

Tritanomaly

55.1044, 58.7224, 71.3810

Monochromacy



Original Color

53.9778, 58.6217, 65.5969

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4552, 57.8607, 63.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9778, 58.6217, 65.5969 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(191, 204, 204) looks like.

```
.text, #text, p{  
    color:rgb(191, 204, 204)  
}
```

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(191, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.9778, 58.6217, 65.5969 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(191, 204, 204) }
```


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

```
.border{ border-color:rgb(191, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(191, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9778, 58.6217, 65.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 204, 204) }
```

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

```
.background{ background-color: rgb(191,  
204, 204) }
```

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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