

Converting Colors

XYZ(51.9854, 56.6813, 59.6135)

Have a look what the booklet for
XYZ(51.9854, 56.6813, 59.6135)
contains.

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Color

**XYZ(51.9722, 56.6606,
59.8271)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC9C3
RGB	190, 201, 195
RGB Percent	75%, 79%, 76%
CMY	0.2549, 0.2117, 0.2353
CMYK	0.05, 0.00, 0.03, 0.21
HSL	147°, 9%, 77%
HSV	147°, 5%, 79%
XYZ	51.9722, 56.6606, 59.8271
YIQ	197.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

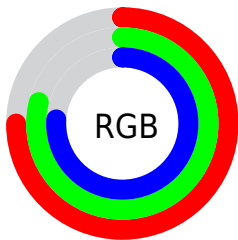
Format	Color
RYB	190, 198, 201
Decimal	12503491
CIELab	79.99, -4.88, 1.69
CIElCh	80, 5.160, 160.926
Yxy	56.6606, 0.3085, 0.3363
Android (android.graphics.Color)	4290693571 (0xFFBEC9C3)
YUV	197.0270, -0.9993, -6.1627
Hunter-Lab	75.2732, -8.4833, 5.5676

Details

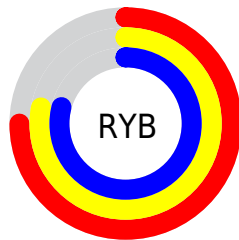
The XYZ color **51.9722, 56.6606, 59.8271** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4668, 53.2314, 59.7368**, and the grayscale version is **53.0964, 55.8616, 60.8333**.

A 20% lighter version of the original color is **91.3367, 98.1411, 106.2246**, and **25.5580, 28.1089, 29.2778** is the 20% darker color. If you saturate the color by 10%, you get **46.0993, 53.7727, 53.3160**, and if you desaturate by 10%, it is **58.6318, 59.9468, 66.8528**.

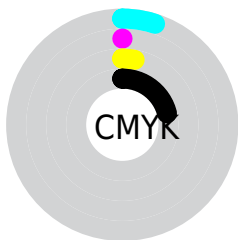
Distribution



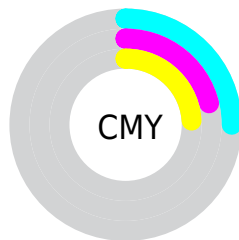
- Red (75%)
- Green (79%)
- Blue (76%)



- Red (75%)
- Yellow (78%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9722, 56.6606, 59.8271 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 51.9722, 56.6606, 59.8271 by changing the saturation by 10% instead.

■ 51.9722, 56.6606,
59.8271

■ 51.9722, 56.6606,
59.8271

384.6550,
412.1763, 441.7471

■ 37.2071, 40.7328,
42.8549

■ 92.2647, 99.9698,
106.1197

■ 25.5423, 28.1104,
29.4407

118.5228,
128.1200, 136.2772

■ 16.6124, 18.4089,
19.1660

149.3427,
161.1131, 171.6669

■ 10.0521, 11.2439,
11.6123

185.0896,
199.3335, 212.7074

■ 5.4961, 6.2312,
6.3609

226.1289,
243.1657, 259.8170

■ 2.5789, 2.9861,
2.9935

272.8260,

■ 0.9352, 1.1245,

292.9939, 313.4145

1.0913

325.5463,
349.2027, 373.9184

■ 0.0000, 0.0000,
0.0000

■ 51.9722, 56.6606,
59.8271

■ 51.9722, 56.6606,
59.8271

■ 46.0993, 53.7727,
53.3160

■ 58.6318, 59.9468,
66.8528

■ 40.9782, 51.2604,
47.3042

■ 66.1018, 63.6383,
74.4006

■ 36.5783, 49.1099,
41.7810

■ 74.4106, 67.7514,
82.4825

■ 32.8653, 47.3036,
36.7339

■ 77.6882, 69.2597,
90.8330

■ 29.8017, 45.8225,
32.1499

■ 79.3572, 69.9272,
99.6214

■ 27.3462, 44.6457,
28.0153

■ 80.1777, 70.2555,
103.9426

■ 25.4528, 43.7495,
24.3158

■ 24.0680, 43.1068,
21.0359

■ 23.1268, 42.6843,
18.1592

Harmonies

Analogous

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



52.5450, 56.6606, 57.4355



51.9722, 56.6606, 59.8271



51.8999, 56.6606, 62.7940

Triad

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



51.9722, 56.6606, 59.8271



54.2370, 56.6606, 67.5352



55.3910, 56.6606, 57.9901

Complementary

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



51.9722, 56.6606, 59.8271



52.4668, 53.2314, 59.7368

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.



55.8570, 56.6606, 60.6064



51.9722, 56.6606, 59.8271



55.1850, 56.6606, 66.1574

Square

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



51.9722, 56.6606, 59.8271



53.1984, 56.6606, 67.3100



55.7811, 56.6606, 63.5989



54.5154, 56.6606, 56.3990

Rectangle

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



51.9722, 56.6606, 59.8271



52.1441, 56.6606, 64.7073



55.7811, 56.6606, 63.5989



55.6013, 56.6606, 58.7752

Sweetspot

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



51.9738, 56.6630, 59.8283



92.7537, 98.8676, 106.4710



52.9610, 57.2362, 56.9724



19.8772, 21.1736, 22.8147



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.



51.9738, 56.6630, 59.8283



87.2565, 96.1589, 100.5570



52.6019, 56.9142, 63.1357



10.9384, 12.0867, 12.6090



14.3741, 26.7620, 10.9147



0.7170, 1.2817, 0.7086

Inverse Universe

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



52.4668, 53.2314, 59.7368



88.3390, 88.6238, 100.3559



51.8571, 52.9876, 56.5264



11.0821, 11.0865, 12.5823



16.9501, 8.5296, 10.2132



0.8388, 0.4184, 0.6742

Previews

White Background



This preview shows how the XYZ color 51.9722, 56.6606, 59.8271 looks on a white background.

Color Contrast Check

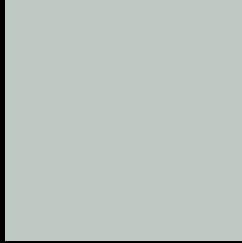
Large Text (above 18pt) WCAG AA × Fail

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 51.9722, 56.6606, 59.8271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

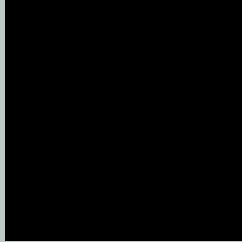
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9722, 56.6606, 59.8271

Background



This preview shows how black text looks on a background with the XYZ color 51.9722, 56.6606, 59.8271.



This preview shows how white text looks on a background with the XYZ color 51.9722, 56.6606,

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

51.9722, 56.6606, 59.8271

Protanopia

54.2205, 56.4793, 58.4959

Deuteranopia

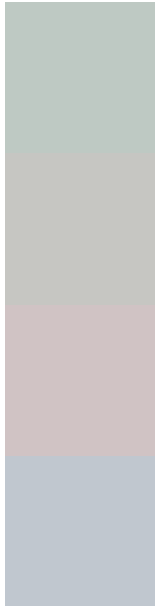
57.8411, 56.6359, 60.7066



Tritanopia

54.3240, 56.5807, 71.6763

Trichromacy



Original Color

51.9722, 56.6606, 59.8271

Protanomaly

53.2204, 56.2890, 59.0988

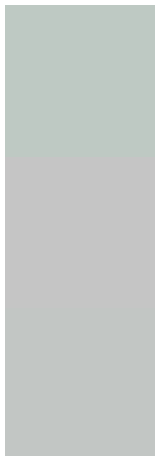
Deuteranomaly

55.4913, 56.4256, 60.1911

Tritanomaly

53.4241, 56.5583, 67.1326

Monochromacy



Original Color

51.9722, 56.6606, 59.8271

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4060, 55.8430, 60.2412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9722, 56.6606, 59.8271 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(190, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 195)  
}
```

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(190, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 195) }
```

Border

The CSS property to change the border of an element to XYZ 51.9722, 56.6606, 59.8271 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(190, 201, 195) }
```


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

```
.border{ border-color:rgb(190, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9722, 56.6606, 59.8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 195) }
```

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

```
.background{ background-color: rgb(190,  
201, 195) }
```

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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