

Converting Colors

XYZ(52.2324, 57.5026, 59.8559)

Have a look what the booklet for
XYZ(52.2324, 57.5026, 59.8559)
contains.

XYZ(52.1925, 57.4708, 59.9719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1925, 57.4708,
59.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCBC3
RGB	189, 203, 195
RGB Percent	74%, 80%, 76%
CMY	0.2588, 0.2039, 0.2353
CMYK	0.07, 0.00, 0.04, 0.20
HSL	146°, 12%, 77%
HSV	146°, 7%, 80%
XYZ	52.1925, 57.4708, 59.9719
YIQ	197.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

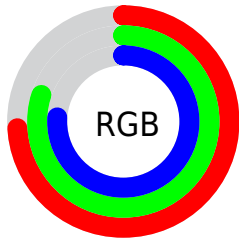
Format	Color
R _{YB}	189, 199, 203
Decimal	12438467
CIE Lab	80.44, -6.26, 2.34
CIE LCh	80, 6.685, 159.518
Yxy	57.4708, 0.3077, 0.3388
Android (android.graphics.Color)	4290628547 (0xFFBDCBC3)
YUV	197.9020, -1.4307, -7.8071
Hunter-Lab	75.8095, -9.7749, 6.1631

Details

The XYZ color **52.1925, 57.4708, 59.9719** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9063, 53.1243, 60.2916**, and the grayscale version is **53.6292, 56.4221, 61.4437**.

A 20% lighter version of the original color is **90.9869, 97.9608, 106.2083**, and **25.7085, 28.6522, 29.3748** is the 20% darker color. If you saturate the color by 10%, you get **46.2440, 54.5516, 53.1102**, and if you desaturate by 10%, it is **58.9511, 60.7991, 67.4060**.

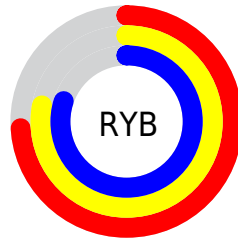
Distribution



Red (74%)

Green (80%)

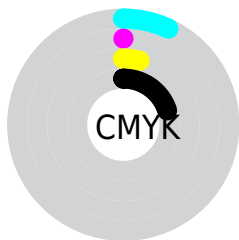
Blue (76%)



Red (74%)

Yellow (78%)

Blue (80%)

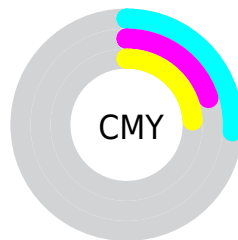


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (26%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1925, 57.4708, 59.9719 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 52.1925, 57.4708, 59.9719 by changing the saturation by 10% instead.

■ 52.1925, 57.4708,
59.9719

■ 52.1925, 57.4708,
59.9719

385.4911,
415.2111, 442.2960

■ 37.3834, 41.3834,
42.9708

■ 92.5876, 101.1518,
106.3319

■ 25.6795, 28.6187,
29.5310

118.9044,
129.5142, 136.5279

■ 16.7155, 18.7926,
19.2339

149.7877,
162.7370, 171.9593

■ 10.1259, 11.5205,
11.6609

185.6031,
201.2046, 213.0446

■ 5.5454, 6.4181,
6.3935

226.7157,
245.3014, 260.2024

■ 2.6087, 3.1009,
3.0131

273.4910,

■ 0.9504, 1.1847,

295.4118, 313.8512

1.1014

326.2944,
351.9203, 374.4095

■ 0.0000, 0.0491,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1925, 57.4708,
59.9719

■ 52.1925, 57.4708,
59.9719

■ 46.2440, 54.5516,
53.1102

■ 58.9511, 60.7991,
67.4060

■ 41.0693, 52.0181,
46.8037

■ 66.5445, 64.5441,
75.4218

■ 36.6364, 49.8559,
41.0396

■ 75.0024, 68.7225,
84.0331

■ 32.9094, 48.0466,
35.8032

■ 78.5355, 70.3495,
92.9799

■ 29.8490, 46.5703,
31.0793

■ 80.3285, 71.0667,
102.4219

■ 27.4120, 45.4050,
26.8519

■ 80.6470, 71.1941,
104.0990

■ 25.5498, 44.5260,
23.1039

■ 24.2059, 43.9046,
19.8172

■ 23.3062, 43.5029,
16.9720

Harmonies

Analogous

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



52.9644, 57.4708, 56.9323



52.1925, 57.4708, 59.9719



52.0662, 57.4708, 63.8323

Triad

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



52.1925, 57.4708, 59.9719



55.0612, 57.4708, 70.3186



56.6826, 57.4708, 57.8951

Complementary

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



52.1925, 57.4708, 59.9719



52.9063, 53.1243, 60.2916

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.



57.2648, 57.4708, 61.3362



52.1925, 57.4708, 59.9719



56.3184, 57.4708, 68.5808

Square

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



52.1925, 57.4708, 59.9719



53.7073, 57.4708, 69.9160



57.1304, 57.4708, 65.2543



55.5516, 57.4708, 55.7685

Rectangle

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



52.1925, 57.4708, 59.9719



52.3629, 57.4708, 66.3687



57.1304, 57.4708, 65.2543



56.9498, 57.4708, 58.9305

Sweetspot

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



52.1941, 57.4732, 59.9732



92.7327, 98.8592, 106.3605



53.6130, 58.2815, 56.5686



19.8729, 21.1719, 22.7923



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.



52.1941, 57.4732, 59.9732



86.1182, 95.6058, 98.9792



52.9851, 57.7896, 64.1383



11.2642, 12.6154, 12.9489



14.7288, 27.6368, 10.5229



0.7976, 1.4409, 0.7417

Inverse Universe

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



52.9063, 53.1243, 60.2916



87.5083, 87.1176, 99.6005



52.1404, 52.8180, 56.2585



11.4765, 11.3193, 13.0437



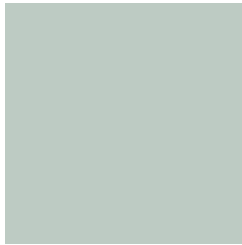
17.7268, 8.9013, 11.5458



0.9521, 0.4742, 0.7934

Previews

White Background



This preview shows how the XYZ color 52.1925, 57.4708, 59.9719 looks on a white background.

Color Contrast Check

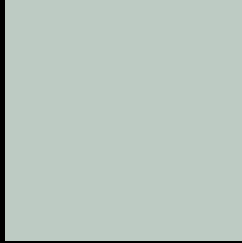
Large Text (above 18pt) WCAG AA × Fail

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 52.1925, 57.4708, 59.9719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

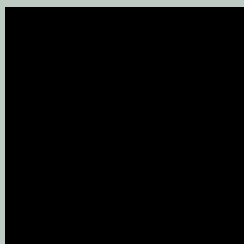
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

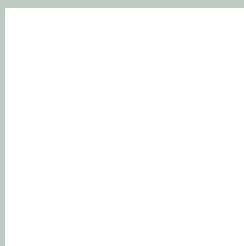
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1925, 57.4708, 59.9719

Background



This preview shows how black text looks on a background with the XYZ color 52.1925, 57.4708, 59.9719.



This preview shows how white text looks on a background with the XYZ color 52.1925, 57.4708,

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

52.1925, 57.4708, 59.9719

Protanopia

54.8397, 57.4900, 58.0755

Deuteranopia

58.3614, 57.2312, 60.7941



Tritanopia

54.7872, 57.4729, 73.1715

Trichromacy



Original Color

52.1925, 57.4708, 59.9719

Protanomaly

53.8331, 57.3009, 58.6750

Deuteranomaly

55.9425, 57.3279, 60.3415

Tritanomaly

53.7577, 57.4037, 67.9212

Monochromacy



Original Color

52.1925, 57.4708, 59.9719

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2380, 56.9419, 61.0083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1925, 57.4708, 59.9719 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(189, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 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(189, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.1925, 57.4708, 59.9719 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(189, 203, 195) }
```


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

```
.border{ border-color:rgb(189, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1925, 57.4708, 59.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 195) }
```

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

```
.background{ background-color: rgb(189,  
203, 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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