

Converting Colors

XYZ(52.4345, 56.0387, 59.8869)

Have a look what the booklet for
XYZ(52.4345, 56.0387, 59.8869)
contains.

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Color

**XYZ(52.5219, 56.2563,
59.7201)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7C3
RGB	194, 199, 195
RGB Percent	76%, 78%, 76%
CMY	0.2392, 0.2196, 0.2353
CMYK	0.03, 0.00, 0.02, 0.22
HSL	132°, 4%, 77%
HSV	132°, 3%, 78%
XYZ	52.5219, 56.2563, 59.7201
YIQ	197.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

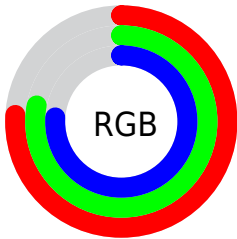
Format	Color
RYB	194, 198, 199
Decimal	12765123
CIELab	79.76, -2.45, 1.39
CIELCh	80, 2.820, 150.482
Yxy	56.2563, 0.3117, 0.3339
Android (android.graphics.Color)	4290955203 (0xFFC2C7C3)
YUV	197.0490, -1.0102, -2.6740
Hunter-Lab	75.0042, -6.2622, 5.2949

Details

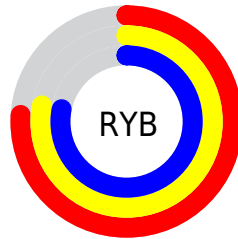
The XYZ color **52.5219, 56.2563, 59.7201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0401, 54.8044, 61.2117**, and the grayscale version is **53.1085, 55.8743, 60.8471**.

A 20% lighter version of the original color is **92.7550, 98.8723, 106.2910**, and **25.7483, 27.7493, 29.1984** is the 20% darker color. If you saturate the color by 10%, you get **46.0472, 53.1171, 50.5151**, and if you desaturate by 10%, it is **59.8758, 59.8297, 69.9709**.

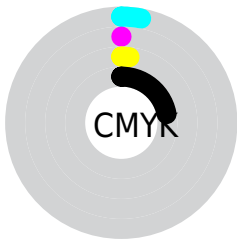
Distribution



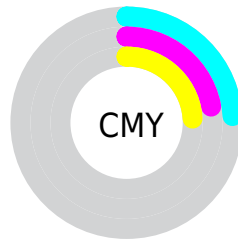
- Red (76%)
- Green (78%)
- Blue (76%)



- Red (76%)
- Yellow (78%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5219, 56.2563, 59.7201 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 52.5219, 56.2563, 59.7201 by changing the saturation by 10% instead.

■ 52.5219, 56.2563,
59.7201

■ 52.5219, 56.2563,
59.7201

386.7391,
410.6567, 441.3413

■ 37.6472, 40.4085,
42.7692

■ 93.0702, 99.3792,
105.9629

■ 25.8849, 27.8572,
29.3740

119.4744,
127.4231, 136.0920

■ 16.8698, 18.2180,
19.1160

150.4526,
160.3011, 171.4508

■ 10.2364, 11.1066,
11.5764

186.3699,
198.3976, 212.4581

■ 5.6195, 6.1386,
6.3369

227.5919,
242.0970, 259.5322

■ 2.6536, 2.9295,
2.9789

274.4839,

■ 0.9733, 1.0951,

291.7837, 313.0917

1.0839

327.4112,
347.8421, 373.5552

■ 0.0000, 0.0000,
0.0000

■ 52.5219, 56.2563,
59.7201

■ 52.5219, 56.2563,
59.7201

■ 46.0472, 53.1171,
50.5151

■ 59.8758, 59.8297,
69.9709

■ 40.4139, 50.3886,
42.3193

■ 68.1354, 63.8456,
81.2950

■ 35.5886, 48.0559,
35.0994

■ 77.3319, 68.3210,
93.7239

■ 31.5338, 46.1003,
28.8190

■ 79.7145, 69.3290,
103.7882

■ 28.2087, 44.5019,
23.4394

■ 25.5692, 43.2385,
18.9190

■ 23.5658, 42.2856,
15.2133

■ 22.1425, 41.6155,
12.2733

■ 21.2328, 41.1949,
10.0451

Harmonies

Analogous

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



52.9159, 56.2563, 58.5883



52.5219, 56.2563, 59.7201



52.3815, 56.2563, 61.2799

Triad

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



52.5219, 56.2563, 59.7201



53.4791, 56.2563, 64.4460



54.4200, 56.2563, 59.6752

Complementary

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



52.5219, 56.2563, 59.7201



53.0401, 54.8044, 61.2117

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.



54.5733, 56.2563, 61.2272



52.5219, 56.2563, 59.7201



54.0278, 56.2563, 63.9984

Square

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



52.5219, 56.2563, 59.7201



52.9318, 56.2563, 64.0256



54.4293, 56.2563, 62.8130



54.0117, 56.2563, 58.5627

Rectangle

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



52.5219, 56.2563, 59.7201



52.4498, 56.2563, 62.3584



54.4293, 56.2563, 62.8130



54.5032, 56.2563, 60.1618

Sweetspot

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



52.5235, 56.2587, 59.7213



93.7913, 99.3888, 107.1355



53.4740, 56.7617, 59.1775



20.0885, 21.2797, 22.9500



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.



52.5235, 56.2587, 59.7213



91.3213, 98.1899, 103.6630



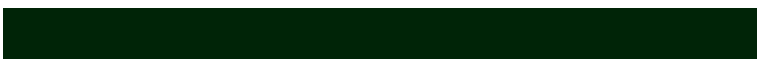
52.7993, 56.3690, 61.1737



11.3967, 12.3169, 12.9076



13.4019, 26.3731, 5.7951



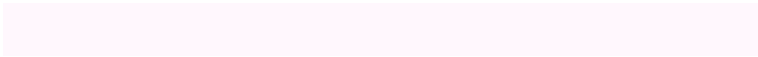
0.6609, 1.2593, 0.4131

Inverse Universe

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



53.0401, 54.8044, 61.2117



92.4127, 95.1177, 106.8113



52.7632, 54.6936, 59.7537



11.5654, 11.8420, 13.3943



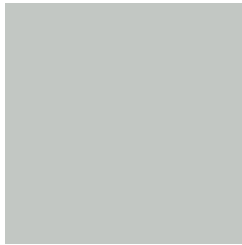
19.2137, 9.4350, 22.1329



0.9336, 0.4563, 1.1732

Previews

White Background



This preview shows how the XYZ color 52.5219, 56.2563, 59.7201 looks on a white background.

Color Contrast Check

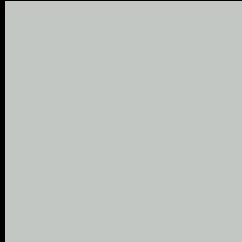
Large Text (above 18pt) WCAG AA × Fail

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 52.5219, 56.2563, 59.7201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

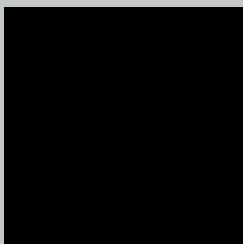
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

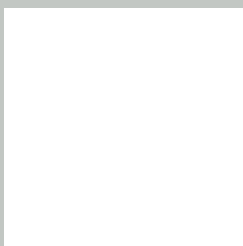
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5219, 56.2563, 59.7201

Background



This preview shows how black text looks on a background with the XYZ color 52.5219, 56.2563, 59.7201.



This preview shows how white text looks on a background with the XYZ color 52.5219, 56.2563,

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

52.5219, 56.2563, 59.7201

Protanopia

54.0610, 56.3841, 59.0728

Deuteranopia

57.3241, 56.0445, 60.6197



Tritanopia

54.6496, 56.1036, 70.2361

Trichromacy



Original Color

52.5219, 56.2563, 59.7201

Protanomaly

53.4849, 56.4253, 59.1112

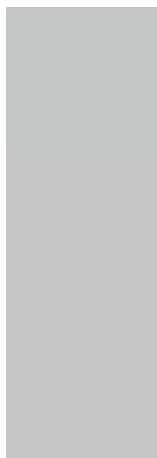
Deuteranomaly

55.5501, 56.1244, 60.1298

Tritanomaly

53.8718, 56.1245, 66.3863

Monochromacy



Original Color

52.5219, 56.2563, 59.7201

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9228, 56.1095, 60.2654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5219, 56.2563, 59.7201 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(194, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 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(194, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.5219, 56.2563, 59.7201 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(194, 199, 195) }
```


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

```
.border{ border-color:rgb(194, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5219, 56.2563, 59.7201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 195) }
```

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

```
.background{ background-color: rgb(194,  
199, 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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