

Converting Colors

XYZ(56.3805, 59.1808, 65.5782)

Have a look what the booklet for
XYZ(56.3805, 59.1808, 65.5782)
contains.

XYZ(56.3767, 59.1572, 65.5739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(56.3767, 59.1572,
65.5739)**

Conversions

Conversions Part 1

Format	Color
Hex	CACACC
RGB	202, 202, 204
RGB Percent	79%, 79%, 80%
CMY	0.2078, 0.2078, 0.2000
CMYK	0.01, 0.01, 0.00, 0.20
HSL	240°, 2%, 80%
HSV	240°, 1%, 80%
XYZ	56.3767, 59.1572, 65.5739
YIQ	202.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

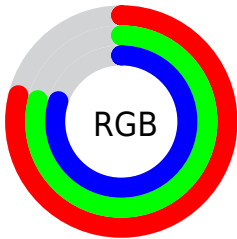
Format	Color
RYB	202, 202, 204
Decimal	13290188
CIELab	81.38, 0.37, -1.00
CIELCh	81, 1.070, 290.333
Yxy	59.1572, 0.3113, 0.3266
Android (android.graphics.Color)	4291480268 (0xFFCACACC)
YUV	202.2280, 0.8736, -0.2000
Hunter-Lab	76.9137, -3.7610, 3.2911

Details

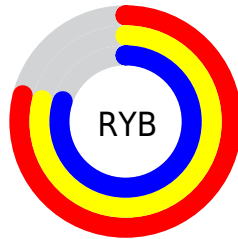
The XYZ color **56.3767, 59.1572, 65.5739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1555, 60.2867, 64.5020**, and the grayscale version is **56.2777, 59.2086, 64.4781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3077, 29.6777, 33.0906** is the 20% darker color. If you saturate the color by 10%, you get **46.7509, 47.5649, 63.8446**, and if you desaturate by 10%, it is **67.3661, 72.3919, 67.5501**.

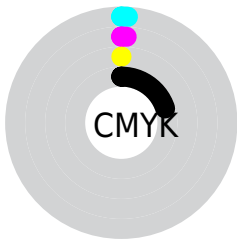
Distribution



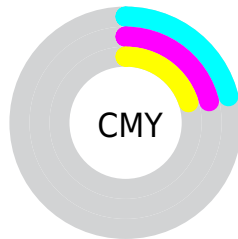
- Red (79%)
- Green (79%)
- Blue (80%)



- Red (79%)
- Yellow (79%)
- Blue (80%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3767, 59.1572, 65.5739 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 56.3767, 59.1572, 65.5739 by changing the saturation by 10% instead.

■ 56.3767, 59.1572,
65.5739

■ 56.3767, 59.1572,
65.5739

401.1616,
421.4842, 463.2140

■ 40.7432, 42.7397,
47.4723

98.6918, 103.6061,
114.4957

■ 28.3053, 29.6809,
33.0522

126.1040,
132.4063, 146.1530

■ 18.6975, 19.5965,
21.8950

158.1733,
166.1028, 183.1659

■ 11.5546, 12.1021,
13.5822

195.2649,
205.0800, 225.9530

■ 6.5112, 6.8132,
7.6952

237.7441,
249.7224, 274.9328

■ 3.2019, 3.3456,
3.8156

285.9765,

■ 1.2614, 1.3147,

300.4143, 330.5239

1.5247

340.3272,
357.5401, 393.1448

■ 0.1541, 0.1525,
0.2362

■ 0.0000, 0.0000,
0.0000

■ 56.3767, 59.1572,
65.5739

■ 56.3767, 59.1572,
65.5739

■ 46.7509, 47.5649,
63.8446

■ 67.3661, 72.3919,
67.5501

■ 38.4307, 37.5436,
62.3488

■ 79.7642, 87.3215,
69.7784

■ 31.3616, 29.0282,
61.0778

■ 87.8993, 97.1397,
71.2447

■ 25.4829, 21.9459,
60.0206

■ 20.7293, 16.2180,
59.1655

■ 17.0290, 11.7582,
58.4997

■ 14.3020, 8.4701,
58.0088

■ 12.4567, 6.2438,
57.6763

■ 11.3844, 4.9485,
57.4828

Harmonies

Analogous

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



56.1550, 59.1572, 65.6339



56.3767, 59.1572, 65.5739



56.5588, 59.1572, 65.2015

Triad

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



56.3767, 59.1572, 65.5739



56.5021, 59.1572, 63.4687



55.8043, 59.1572, 64.2055

Complementary

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



56.3767, 59.1572, 65.5739



57.1555, 60.2867, 64.5020

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.



55.8968, 59.1572, 63.6292



56.3767, 59.1572, 65.5739



56.2994, 59.1572, 63.2056

Square

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



56.3767, 59.1572, 65.5739



56.6313, 59.1572, 63.9851



56.0779, 59.1572, 63.2642



55.8249, 59.1572, 64.8410

Rectangle

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



56.3767, 59.1572, 65.5739



56.6331, 59.1572, 64.8275



56.0779, 59.1572, 63.2642



55.8232, 59.1572, 63.9985

Sweetspot

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



56.3784, 59.1597, 65.5752

95.0500, 100.0000, 108.9000



56.8460, 60.1013, 65.7113



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



56.3784, 59.1597, 65.5752



93.3113, 97.9061, 108.5875



56.6400, 59.2934, 65.5872



12.4148, 13.0287, 14.4308



6.8631, 2.7502, 36.1254



0.3546, 0.1430, 1.8639

Inverse Universe

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



56.6843, 59.3437, 64.3470



93.8347, 98.2209, 106.4864



56.8921, 60.1522, 64.4899



12.4793, 13.0675, 14.1718



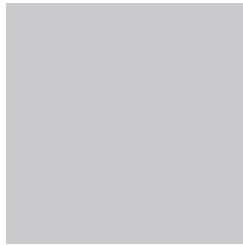
15.6751, 8.0806, 0.7418



0.8089, 0.4170, 0.0397

Previews

White Background



This preview shows how the XYZ color 56.3767, 59.1572, 65.5739 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 56.3767, 59.1572, 65.5739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

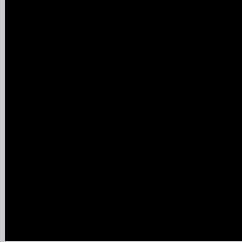
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

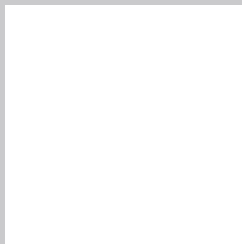
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3767, 59.1572, 65.5739

Background



This preview shows how black text looks on a background with the XYZ color 56.3767, 59.1572, 65.5739.

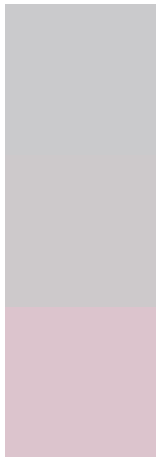


This preview shows how white text looks on a background with the XYZ color 56.3767, 59.1572,

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

56.3767, 59.1572, 65.5739

Protanopia

56.8430, 59.0642, 64.9045

Deuteranopia

60.2746, 59.1033, 65.9889



Tritanopia

57.9508, 59.1038, 73.3196

Trichromacy



Original Color

56.3767, 59.1572, 65.5739

Protanomaly

56.5680, 58.9225, 64.8916

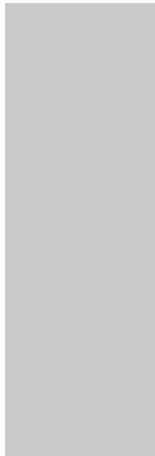
Deuteranomaly

58.6541, 58.9421, 66.0432

Tritanomaly

57.3989, 59.2233, 70.6933

Monochromacy



Original Color

56.3767, 59.1572, 65.5739

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2571, 59.1094, 64.9441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3767, 59.1572, 65.5739 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(202, 202, 204) looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 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(202, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.3767, 59.1572, 65.5739 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(202, 202, 204) }
```

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

```
.border{ border-color:rgb(202, 202, 204) }
```

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

Here you see how a box with a 4 pixel rgb(202, 202, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 56.3767, 59.1572, 65.5739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 204) }
```

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

```
.background{ background-color: rgb(202,  
202, 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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