

Converting Colors

XYZ(56.3067, 58.7835, 62.5679)

Have a look what the booklet for
XYZ(56.3067, 58.7835, 62.5679)
contains.

XYZ(56.3723, 58.8759, 62.4259)	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(56.3723, 58.8759,
62.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC9C7
RGB	205, 201, 199
RGB Percent	80%, 79%, 78%
CMY	0.1961, 0.2117, 0.2196
CMYK	0.00, 0.02, 0.03, 0.20
HSL	20°, 6%, 79%
HSV	20°, 3%, 80%
XYZ	56.3723, 58.8759, 62.4259
YIQ	201.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

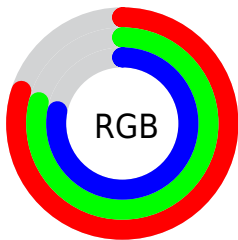
Format	Color
R_{YB}	205, 202, 199
Decimal	13486535
CIE Lab	81.22, 1.03, 1.48
CIE LCh	81, 1.799, 55.186
Yxy	58.8759, 0.3173, 0.3314
Android (android.graphics.Color)	4291676615 (0xFFC9C7)
YUV	201.9680, -1.4632, 2.6591
Hunter-Lab	76.7306, -3.1386, 5.4748

Details

The XYZ color **56.3723, 58.8759, 62.4259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9287, 59.2611, 66.2493**, and the grayscale version is **56.1280, 59.0510, 64.3065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3071, 29.4911, 30.9885** is the 20% darker color. If you saturate the color by 10%, you get **51.1081, 51.9030, 49.7085**, and if you desaturate by 10%, it is **62.2435, 66.5482, 76.9291**.

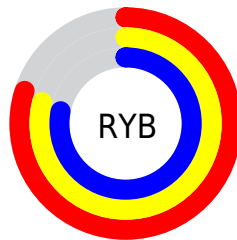
Distribution



Red (80%)

Green (79%)

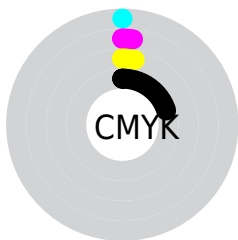
Blue (78%)



Red (80%)

Yellow (79%)

Blue (78%)

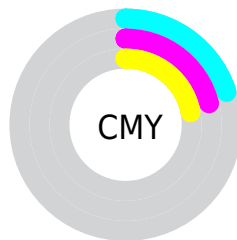


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3723, 58.8759, 62.4259 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 56.3723, 58.8759, 62.4259 by changing the saturation by 10% instead.

■ 56.3723, 58.8759,
62.4259

■ 56.3723, 58.8759,
62.4259

401.1454,
420.4419, 451.5334

■ 40.7397, 42.5132,
44.9389

98.6854, 103.1973,
109.9184

■ 28.3025, 29.5034,
31.0667

126.0965,
131.9248, 140.7610

■ 18.6954, 19.4619,
20.3908

158.1645,
165.5427, 176.8925

■ 11.5531, 12.0045,
12.4925

195.2548,
204.4353, 218.7316

■ 6.5102, 6.7468,
6.9534

237.7327,
248.9872, 266.6966

■ 3.2013, 3.3042,
3.3550

285.9635,

■ 1.2611, 1.2926,

299.5827, 321.2063

1.2786

340.3126,
356.6061, 382.6790

■ 0.1538, 0.1354,
0.0442

■ 0.0000, 0.0000,
0.0000

■ 56.3723, 58.8759,
62.4259

■ 56.3723, 58.8759,
62.4259

■ 51.1081, 51.9030,
49.7085

■ 62.2435, 66.5482,
76.9291

■ 46.4259, 45.6021,
38.7035

■ 68.7359, 74.9312,
93.2798

■ 42.3062, 39.9550,
29.3381

■ 74.9706, 83.6862,
106.8094

■ 38.7263, 34.9399,
21.5329

■ 78.9872, 91.7193,
108.1483

■ 35.6620, 30.5338,
15.2016

■ 33.0873, 26.7122,
10.2497

■ 30.9731, 23.4484,
6.5712

■ 29.2872, 20.7138,
4.0447

■ 27.9919, 18.4764,
2.5244

Harmonies

Analogous

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



56.6146, 58.8759, 63.2314



56.3723, 58.8759, 62.4259



56.0203, 58.8759, 62.0707

Triad

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



56.3723, 58.8759, 62.4259



55.2446, 58.8759, 63.9328



56.2671, 58.8759, 65.9921

Complementary

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



56.3723, 58.8759, 62.4259



55.9287, 59.2611, 66.2493

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.



55.8993, 58.8759, 66.1850



56.3723, 58.8759, 62.4259



55.3100, 58.8759, 64.9884

Square

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



56.3723, 58.8759, 62.4259



55.3701, 58.8759, 62.9345



55.5493, 58.8759, 65.8157



56.5537, 58.8759, 65.2916

Rectangle

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



56.3723, 58.8759, 62.4259



55.7712, 58.8759, 62.1342



55.5493, 58.8759, 65.8157



56.1488, 58.8759, 66.1188

Sweetspot

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



56.3740, 58.8784, 62.4272



94.1026, 98.7579, 106.5722



56.3806, 58.1387, 64.7511



20.1518, 21.1514, 22.8354



0.0000, 0.0000, 0.0000



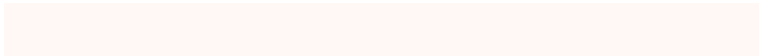
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3740, 58.8784, 62.4272



91.3216, 95.1017, 99.7695



57.0794, 60.2893, 62.6623



12.0568, 12.5346, 13.0688



17.0560, 10.8450, 1.1943



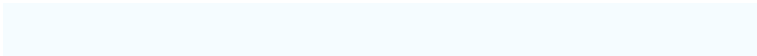
0.9496, 0.6989, 0.0848

Inverse Universe

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



55.9287, 59.2611, 66.2493



90.3196, 95.9628, 108.3701



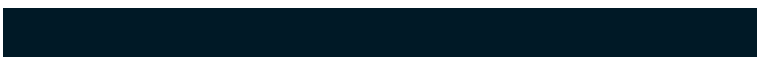
55.2278, 57.8594, 66.0156



11.9031, 12.6667, 14.3879



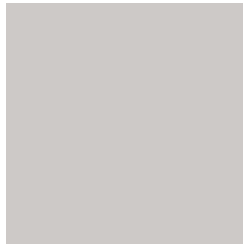
12.4800, 13.9840, 37.9977



0.7119, 0.8575, 1.9829

Previews

White Background



This preview shows how the XYZ color 56.3723, 58.8759, 62.4259 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 56.3723, 58.8759, 62.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

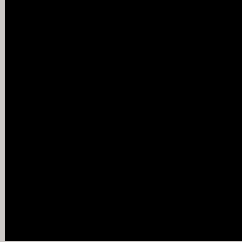
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

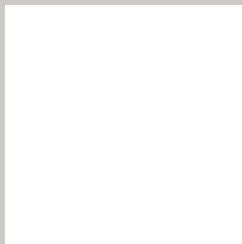
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3723, 58.8759, 62.4259

Background



This preview shows how black text looks on a background with the XYZ color 56.3723, 58.8759, 62.4259.

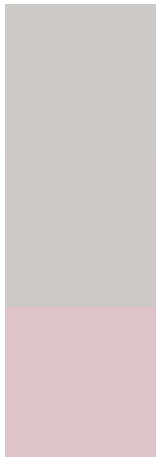


This preview shows how white text looks on a background with the XYZ color 56.3723, 58.8759,

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

56.3723, 58.8759, 62.4259

Protanopia

56.6490, 59.0186, 62.4388

Deuteranopia

60.0646, 58.7299, 62.8138



Tritanopia

58.2931, 58.9673, 71.9278

Trichromacy



Original Color

56.3723, 58.8759, 62.4259

Protanomaly

56.6490, 59.0186, 62.4388

Deuteranomaly

58.7105, 58.7016, 62.8797

Tritanomaly

57.6165, 59.0338, 68.6796

Monochromacy



Original Color

56.3723, 58.8759, 62.4259

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2917, 59.1546, 63.7094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3723, 58.8759, 62.4259 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(205, 201, 199) looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 199)  
}
```

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(205, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.3723, 58.8759, 62.4259 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(205, 201, 199) }
```


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

```
.border{ border-color:rgb(205, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3723, 58.8759, 62.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 199) }
```

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

```
.background{ background-color: rgb(205,  
201, 199) }
```

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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