

Converting Colors

XYZ(56.7905, 59.9489, 57.8235)

Have a look what the booklet for
XYZ(56.7905, 59.9489, 57.8235)
contains.

XYZ(56.7723, 59.8834, 57.8566)	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(56.7723, 59.8834,
57.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CBBF
RGB	208, 203, 191
RGB Percent	82%, 80%, 75%
CMY	0.1843, 0.2039, 0.2510
CMYK	0.00, 0.02, 0.08, 0.18
HSL	42°, 15%, 78%
HSV	42°, 8%, 82%
XYZ	56.7723, 59.8834, 57.8566
YIQ	203.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

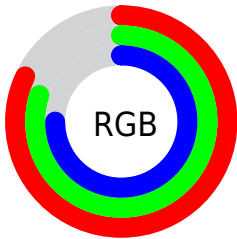
Format	Color
RYB	198, 208, 191
Decimal	13683647
CIELab	81.77, -0.36, 6.58
CIELCh	82, 6.595, 93.115
Yxy	59.8834, 0.3253, 0.3431
Android (android.graphics.Color)	4291873727 (0xFFD0CBBF)
YUV	203.1270, -5.9786, 4.2736
Hunter-Lab	77.3844, -4.4678, 9.8407

Details

The XYZ color **56.7723, 59.8834, 57.8566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6107, 55.1091, 67.5393**, and the grayscale version is **56.8793, 59.8414, 65.1673**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **28.6613, 30.1999, 28.3633** is the 20% darker color. If you saturate the color by 10%, you get **53.2293, 56.2038, 46.1731**, and if you desaturate by 10%, it is **60.7006, 63.8122, 71.2739**.

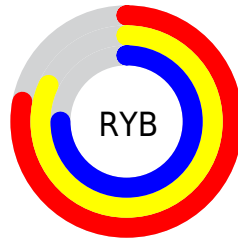
Distribution



Red (82%)

Green (80%)

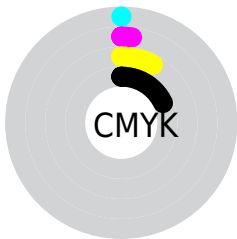
Blue (75%)



Red (78%)

Yellow (82%)

Blue (75%)

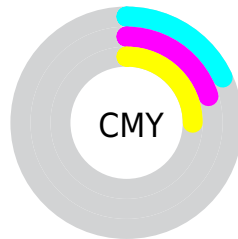


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (18%)



Cyan (18%)

Magenta (20%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7723, 59.8834, 57.8566 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 56.7723, 59.8834, 57.8566 by changing the saturation by 10% instead.

■ 56.7723, 59.8834,
57.8566

■ 56.7723, 59.8834,
57.8566

402.6235,
424.1679, 434.2347

■ 41.0619, 43.3247,
41.2794

■ 99.2661, 104.6605,
103.2267

■ 28.5553, 30.1399,
28.2162

126.7803,
133.6477, 132.8568

■ 18.8873, 19.9448,
18.2482

158.9597,
167.5464, 167.6748

■ 11.6924, 12.3549,
10.9570

196.1698,
206.7411, 208.0995

■ 6.6053, 6.9859,
5.9242

238.7758,
251.6163, 254.5493

■ 3.2606, 3.4533,
2.7310

287.1432,

■ 1.2930, 1.3727,

302.5562, 307.4427

0.9590

341.6374,
359.9452, 367.1983

■ 0.1780, 0.1965,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7723, 59.8834,
57.8566

■ 56.7723, 59.8834,
57.8566

■ 53.2293, 56.2038,
46.1731

■ 60.7006, 63.8122,
71.2739

■ 50.0525, 52.7587,
36.1474

■ 65.0228, 67.9886,
86.4888

■ 47.2282, 49.5436,
27.7038

■ 69.7533, 72.4215,
103.5667

■ 44.7400, 46.5508,
20.7591

■ 71.6564, 75.8174,
105.4653

■ 42.5700, 43.7721,
15.2222

■ 73.3625, 79.2296,
106.0340

■ 40.6984, 41.1985,
10.9925

■ 75.1286, 82.7619,
106.6227

■ 39.1027, 38.8199,
7.9553

■ 76.9553, 86.4153,
107.2316

■ 37.7569, 36.6246,
5.9765

■ 78.8431, 90.1910,
107.8609

■ 36.6223, 34.5961,
4.8566

■ 79.8226, 92.1500,
108.1874

Harmonies

Analogous

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



58.1342, 59.8834, 58.6131



56.7723, 59.8834, 57.8566



55.4701, 59.8834, 59.0013

Triad

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



56.7723, 59.8834, 57.8566



54.7087, 59.8834, 69.4734



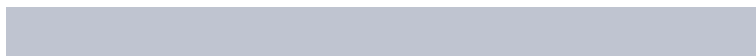
59.3339, 59.8834, 68.7247

Complementary

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



56.7723, 59.8834, 57.8566



52.6107, 55.1091, 67.5393

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.



58.3896, 59.8834, 71.8244



56.7723, 59.8834, 57.8566



55.7177, 59.8834, 72.2688

Square

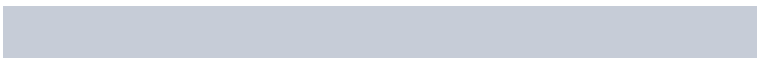
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7723, 59.8834, 57.8566



54.2909, 59.8834, 65.6196



57.0627, 59.8834, 73.1460



59.6272, 59.8834, 64.7879

Rectangle

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



56.7723, 59.8834, 57.8566



54.8069, 59.8834, 60.7170



57.0627, 59.8834, 73.1460



59.0813, 59.8834, 69.9044

Sweetspot

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



56.7740, 59.8860, 57.8579



93.7634, 98.7233, 104.4739



54.6191, 54.6624, 59.9571



20.0827, 21.1443, 22.4081



0.0000, 0.0000, 0.0000



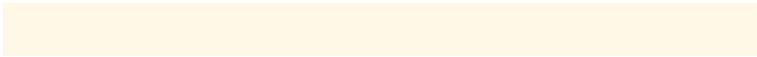
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7740, 59.8860, 57.8579



88.8686, 93.7768, 87.9122



57.0271, 61.7962, 58.2133



12.4978, 13.1863, 12.4985



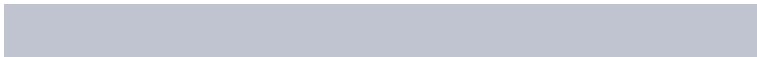
22.7905, 21.5140, 2.9514



1.3412, 1.3368, 0.1873

Inverse Universe

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



52.6107, 55.1091, 67.5393



80.8052, 84.5250, 106.6638



52.3677, 53.3388, 67.2104



11.4427, 11.9758, 14.9521



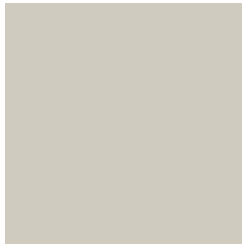
8.2134, 5.0735, 37.7389



0.5281, 0.4214, 2.1331

Previews

White Background



This preview shows how the XYZ color 56.7723, 59.8834, 57.8566 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 56.7723, 59.8834, 57.8566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

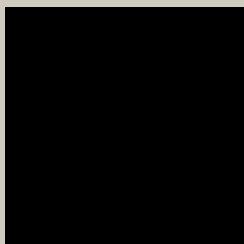
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

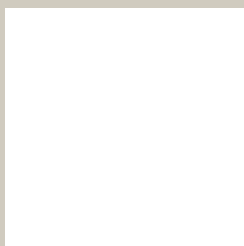
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7723, 59.8834, 57.8566

Background



This preview shows how black text looks on a background with the XYZ color 56.7723, 59.8834, 57.8566.

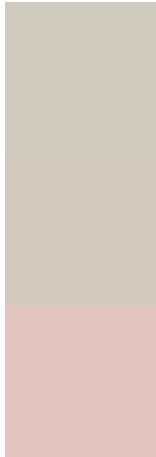


This preview shows how white text looks on a background with the XYZ color 56.7723, 59.8834,

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

56.7723, 59.8834, 57.8566

Protanopia

57.1028, 59.7043, 57.8047

Deuteranopia

60.9329, 59.6165, 58.1648



Tritanopia

59.5531, 59.6020, 72.6555

Trichromacy



Original Color

56.7723, 59.8834, 57.8566

Protanomaly

56.8190, 59.5580, 57.7914

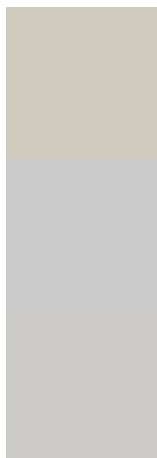
Deuteranomaly

59.4531, 59.8683, 58.2914

Tritanomaly

58.3732, 59.4664, 66.7941

Monochromacy



Original Color

56.7723, 59.8834, 57.8566

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8416, 59.8145, 62.5823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7723, 59.8834, 57.8566 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(208, 203, 191)` looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 191)  
}
```

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(208, 203, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.7723, 59.8834, 57.8566 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(208, 203, 191) }
```


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

```
.border{ border-color:rgb(208, 203, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 203, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 191);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7723, 59.8834, 57.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 191) }
```

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

```
.background{ background-color: rgb(208,  
203, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor