

Converting Colors

XYZ(56.9626, 50.9402, 58.8097)

Have a look what the booklet for
XYZ(56.9626, 50.9402, 58.8097)
contains.

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Color

**XYZ(56.9723, 50.9764,
59.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	E3AFC4
RGB	227, 175, 196
RGB Percent	89%, 69%, 77%
CMY	0.1098, 0.3137, 0.2314
CMYK	0.00, 0.23, 0.14, 0.11
HSL	336°, 48%, 79%
HSV	336°, 23%, 89%
XYZ	56.9723, 50.9764, 59.0612
YIQ	192.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

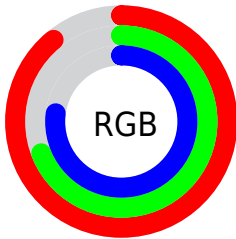
Format	Color
R_{YB}	227, 175, 196
Decimal	14921668
CIE _{Lab}	76.66, 22.16, -3.34
CIE _{LCh}	77, 22.412, 351.424
Yxy	50.9764, 0.3411, 0.3052
Android (android.graphics.Color)	4293111748 (0xFFE3AFC4)
YUV	192.9420, 1.5076, 29.8689
Hunter-Lab	71.3978, 17.4891, 0.9329

Details

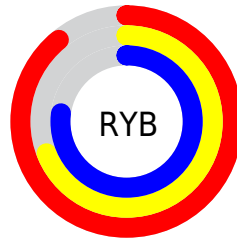
The XYZ color **56.9723, 50.9764, 59.0612** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2909, 68.5096, 68.6526**, and the grayscale version is **50.6372, 53.2743, 58.0157**.

A 20% lighter version of the original color is **87.5455, 85.5037, 104.8182**, and **28.6366, 24.5300, 28.8166** is the 20% darker color. If you saturate the color by 10%, you get **51.4485, 42.2835, 49.9595**, and if you desaturate by 10%, it is **63.3806, 61.2147, 69.1445**.

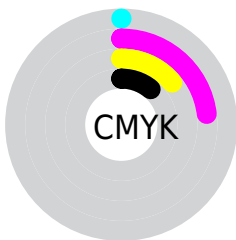
Distribution



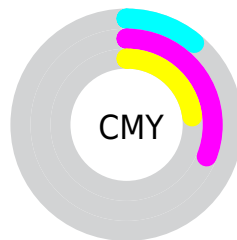
- Red (89%)
- Green (69%)
- Blue (77%)



- Red (89%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9723, 50.9764, 59.0612 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 56.9723, 50.9764, 59.0612 by changing the saturation by 10% instead.


 56.9723, 50.9764,
59.0612

 56.9723, 50.9764,
59.0612


403.3614,
390.4721, 438.8369

 41.2231, 36.1898,
42.2421

 99.5564, 91.6199,
104.9966

 28.6819, 24.5808,
28.9639


127.1219,
118.2456, 134.9499

 18.9834, 15.7650,
18.8082


159.3569,
149.5865, 170.1184

 11.7622, 9.3580,
11.3563

196.6267,
186.0269, 210.9206

 6.6530, 4.9755,
6.1899

239.2967,
227.9513, 257.7750

 3.2904, 2.2329,
2.8902

287.7322,

 1.3092, 0.7378,

275.7440, 311.1001

1.0389

342.2987,
329.7895, 371.3146

■ 0.1901, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9723, 50.9764,
59.0612

■ 56.9723, 50.9764,
59.0612

■ 51.4485, 42.2835,
49.9595

■ 63.3806, 61.2147,
69.1445

■ 46.7642, 35.0536,
41.8047

■ 70.7071, 73.0621,
80.2364

■ 42.8766, 29.2067,
34.5642

■ 78.9891, 86.5867,
92.3664

■ 39.7375, 24.6525,
28.2025

■ 84.7155, 94.7617,
104.3805

■ 37.2928, 21.2900,
22.6807

■ 85.4888, 95.0710,
108.4525

■ 35.4808, 19.0024,
17.9567

■ 34.2276, 17.6495,
13.9827

■ 33.5958, 17.0978,
11.5776

Harmonies

Analogous

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



55.1117, 50.9764, 71.3812



56.9723, 50.9764, 59.0612



56.4477, 50.9764, 47.4021

Triad

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



56.9723, 50.9764, 59.0612



45.5330, 50.9764, 36.4759



43.5416, 50.9764, 75.8420

Complementary

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



56.9723, 50.9764, 59.0612



56.2909, 68.5096, 68.6526

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.



41.2486, 50.9764, 64.4815



56.9723, 50.9764, 59.0612



42.3508, 50.9764, 42.1762

Square

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



56.9723, 50.9764, 59.0612



49.6780, 50.9764, 35.4629



40.8258, 50.9764, 52.0938



47.2455, 50.9764, 81.9542

Rectangle

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



56.9723, 50.9764, 59.0612



54.8282, 50.9764, 41.4399



40.8258, 50.9764, 52.0938



42.5895, 50.9764, 72.4382

Sweetspot

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



56.9738, 50.9787, 59.0623



87.9512, 88.4687, 98.3137



54.4659, 49.2352, 79.3062



18.7003, 18.7339, 20.8545



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.



56.9738, 50.9787, 59.0623



70.9619, 61.2936, 71.6766



55.6052, 51.8024, 47.6285



14.6170, 14.4640, 16.1833



19.6473, 9.9931, 7.0376



1.4969, 0.7565, 0.7570

Inverse Universe

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



56.9738, 50.9787, 59.0623



70.9619, 61.2936, 71.6766



57.8447, 67.2587, 82.6070



14.6170, 14.4640, 16.1833



19.6473, 9.9931, 7.0376



1.4969, 0.7565, 0.7570

Previews

White Background



This preview shows how the XYZ color 56.9723, 50.9764, 59.0612 looks on a white background.

Color Contrast Check

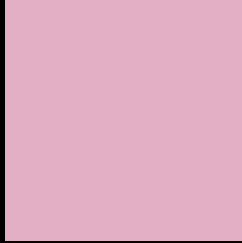
Large Text (above 18pt) WCAG AA × Fail

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 56.9723, 50.9764, 59.0612 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 56.9723, 50.9764, 59.0612

Background



This preview shows how black text looks on a background with the XYZ color 56.9723, 50.9764, 59.0612.



This preview shows how white text looks on a background with the XYZ color 56.9723, 50.9764,

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

56.9723, 50.9764, 59.0612

Protanopia

49.8686, 51.1449, 64.3703

Deuteranopia

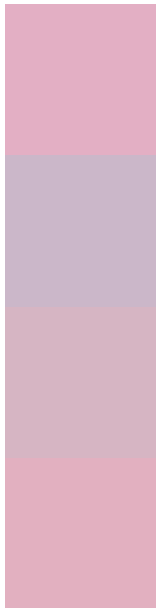
52.3317, 51.2978, 58.1822



Tritanopia

56.1836, 50.9371, 55.5858

Trichromacy



Original Color

56.9723, 50.9764, 59.0612

Protanomaly

52.1047, 50.7805, 62.3137

Deuteranomaly

54.1058, 51.2840, 58.6769

Tritanomaly

56.4038, 51.0252, 56.7452

Monochromacy



Original Color

56.9723, 50.9764, 59.0612

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4733, 51.9920, 58.3088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9723, 50.9764, 59.0612 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(227, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 196)  
}
```

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(227, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.9723, 50.9764, 59.0612 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(227, 175, 196) }
```


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

```
.border{ border-color:rgb(227, 175, 196) }
```

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

Here you see how a box with a 4 pixel rgb(227, 175, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 196);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9723, 50.9764, 59.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 196) }
```

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

```
.background{ background-color: rgb(227,  
175, 196) }
```

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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