

Converting Colors

XYZ(59.5127, 50.2971, 56.5561)

Have a look what the booklet for
XYZ(59.5127, 50.2971, 56.5561)
contains.

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Color

**XYZ(59.4522, 50.3363,
56.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A8C0
RGB	240, 168, 192
RGB Percent	94%, 66%, 75%
CMY	0.0588, 0.3412, 0.2471
CMYK	0.00, 0.30, 0.20, 0.06
HSL	340°, 71%, 80%
HSV	340°, 30%, 94%
XYZ	59.4522, 50.3363, 56.4516
YIQ	192.2640, 35.2080, 22.7280

Conversions

Conversions Part 2

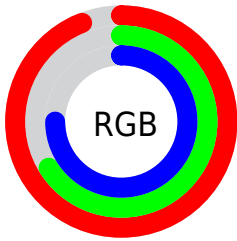
Format	Color
R_{YB}	240, 168, 192
Decimal	15771840
CIE _{Lab}	76.28, 29.87, -1.58
CIE _{LCh}	76, 29.912, 356.982
Yxy	50.3363, 0.3576, 0.3028
Android (android.graphics.Color)	4293961920 (0xFFFF0A8C0)
YUV	192.2640, -0.1302, 41.8645
Hunter-Lab	70.9481, 25.4181, 2.4881

Details

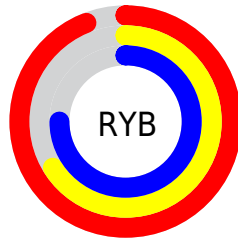
The XYZ color **59.4522, 50.3363, 56.4516** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.7053, 75.6041, 76.4156**, and the grayscale version is **50.2447, 52.8613, 57.5660**.

A 20% lighter version of the original color is **84.8389, 81.3486, 100.0373**, and **30.3194, 24.1928, 27.4978** is the 20% darker color. If you saturate the color by 10%, you get **53.7460, 41.6083, 46.2728**, and if you desaturate by 10%, it is **66.1717, 60.7814, 67.9203**.

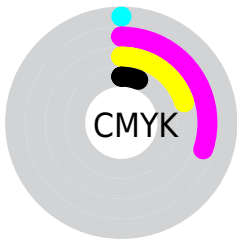
Distribution



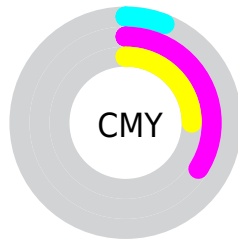
- Red (94%)
- Green (66%)
- Blue (75%)



- Red (94%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4522, 50.3363, 56.4516 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 59.4522, 50.3363, 56.4516 by changing the saturation by 10% instead.


 59.4522, 50.3363,
56.4516


 59.4522, 50.3363,
56.4516


412.4428,
387.9796, 428.8272

 43.2250, 35.6807,
40.1587

 103.1455, 90.6730,
101.1569

 30.2570, 24.1877,
27.3476


 131.3423,
117.1228, 130.4064

 20.1828, 15.4729,
17.5997


164.2597,
148.2728, 164.8119

 12.6370, 9.1519,
10.4965

202.2630,
184.5074, 204.7918

 7.2543, 4.8404,
5.6195

245.7176,
226.2110, 250.7648

 3.6694, 2.1539,
2.5501

294.9889,

 1.5169, 0.6947,

273.7680, 303.1493

0.8665

350.4422,
327.5627, 362.3639

■ 0.3373, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4522, 50.3363,
56.4516

■ 59.4522, 50.3363,
56.4516

■ 53.7460, 41.6083,
46.2728

■ 66.1717, 60.7814,
67.9203

■ 48.9976, 34.4977,
37.3336

■ 73.9477, 73.0222,
80.7205

■ 45.1526, 28.9057,
29.5843

■ 82.8260, 87.1406,
94.8958

■ 42.1492, 24.7193,
22.9709

■ 89.7453, 97.2653,
108.6517

■ 39.9169, 21.8095,
17.4339

■ 38.3732, 20.0233,
12.9075

■ 37.3831, 19.1046,
9.3055

■ 37.3829, 19.1044,
9.3047

Harmonies

Analogous

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



57.4768, 50.3363, 73.4376



59.4522, 50.3363, 56.4516



58.1215, 50.3363, 41.9443

Triad

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



59.4522, 50.3363, 56.4516



43.1109, 50.3363, 31.6168



42.1990, 50.3363, 85.0300

Complementary

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



59.4522, 50.3363, 56.4516



59.7053, 75.6041, 76.4156

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.



38.8541, 50.3363, 70.0639



59.4522, 50.3363, 56.4516



39.3510, 50.3363, 39.6294

Square

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



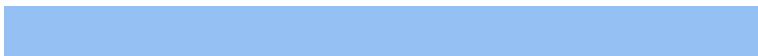
59.4522, 50.3363, 56.4516



48.4138, 50.3363, 29.3701



37.8532, 50.3363, 53.1960



47.2770, 50.3363, 91.8375

Rectangle

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



59.4522, 50.3363, 56.4516



55.5916, 50.3363, 35.1701



37.8532, 50.3363, 53.1960



40.8504, 50.3363, 80.6593

Sweetspot

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



59.4536, 50.3386, 56.4526



85.7942, 85.2748, 94.1417



58.0516, 48.8980, 88.8170



18.0642, 17.7786, 19.6657



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.



59.4536, 50.3386, 56.4526



64.0875, 51.4114, 57.4646



59.3260, 53.9973, 44.3444



15.9901, 15.8457, 17.5040



20.5190, 10.4800, 5.3835



1.7515, 0.8896, 0.6820

Inverse Universe

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



59.4536, 50.3386, 56.4526



64.0875, 51.4114, 57.4646



59.6217, 70.1043, 92.8275



15.9901, 15.8457, 17.5040



20.5190, 10.4800, 5.3835



1.7515, 0.8896, 0.6820

Previews

White Background



This preview shows how the XYZ color 59.4522, 50.3363, 56.4516 looks on a white background.

Color Contrast Check

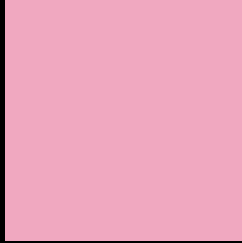
Large Text (above 18pt) WCAG AA × Fail

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 59.4522, 50.3363, 56.4516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

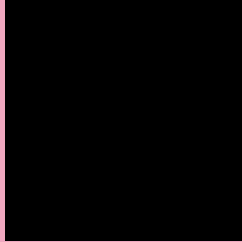
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4522, 50.3363, 56.4516

Background



This preview shows how black text looks on a background with the XYZ color 59.4522, 50.3363, 56.4516.



This preview shows how white text looks on a background with the XYZ color 59.4522, 50.3363,

56.4516.

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

59.4522, 50.3363, 56.4516

Protanopia

49.1629, 50.4651, 64.2763

Deuteranopia

51.5724, 50.6629, 55.2049



Tritanopia

58.5186, 50.5191, 51.4666

Trichromacy



Original Color

59.4522, 50.3363, 56.4516



Protanomaly

52.2002, 49.9345, 61.5306



Deuteranomaly

54.1281, 50.4639, 55.6028



Tritanomaly

58.6475, 50.2718, 53.0667

Monochromacy



Original Color

59.4522, 50.3363, 56.4516



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

52.7424, 51.2281, 56.9774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4522, 50.3363, 56.4516 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(240, 168, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 192)  
}
```

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(240, 168, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.4522, 50.3363, 56.4516 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(240, 168, 192) }
```


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

```
.border{ border-color:rgb(240, 168, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 168, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4522, 50.3363, 56.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 192) }
```

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

```
.background{ background-color: rgb(240,  
168, 192) }
```

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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