

Converting Colors

XYZ(59.6179, 49.1485, 52.7917)

Have a look what the booklet for
XYZ(59.6179, 49.1485, 52.7917)
contains.

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Color

**XYZ(59.6163, 49.1520,
52.7995)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A3BA
RGB	245, 163, 186
RGB Percent	96%, 64%, 73%
CMY	0.0392, 0.3608, 0.2706
CMYK	0.00, 0.33, 0.24, 0.04
HSL	343°, 80%, 80%
HSV	343°, 33%, 96%
XYZ	59.6163, 49.1520, 52.7995
YIQ	190.1400, 41.4890, 24.5370

Conversions

Conversions Part 2

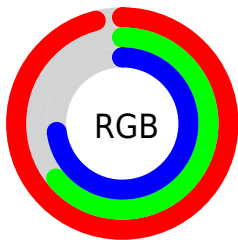
Format	Color
R _Y B	245, 163, 186
Decimal	16098234
CIE Lab	75.55, 33.41, 0.71
CIE LCh	76, 33.415, 1.217
Yxy	49.1520, 0.3690, 0.3042
Android (android.graphics.Color)	4294288314 (0xFFFF5A3BA)
YUV	190.1400, -2.0410, 48.1122
Hunter-Lab	70.1085, 29.0965, 4.4240

Details

The XYZ color **59.6163, 49.1520, 52.7995** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9436, 78.3665, 81.0253**, and the grayscale version is **49.0200, 51.5729, 56.1629**.

A 20% lighter version of the original color is **82.5985, 78.3338, 94.7709**, and **30.3031, 23.4101, 25.1118** is the 20% darker color. If you saturate the color by 10%, you get **53.9202, 40.5761, 42.2178**, and if you desaturate by 10%, it is **66.3890, 59.5102, 64.8820**.

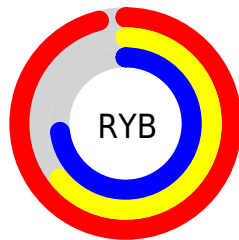
Distribution



Red (96%)

Green (64%)

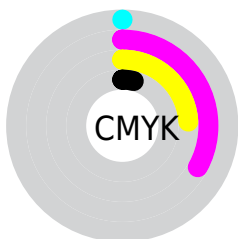
Blue (73%)



Red (96%)

Yellow (64%)

Blue (73%)

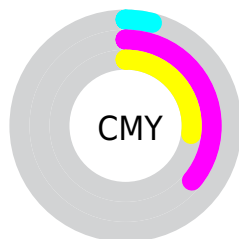


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6163, 49.1520, 52.7995 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 59.6163, 49.1520, 52.7995 by changing the saturation by 10% instead.


 59.6163, 49.1520,
52.7995


 59.6163, 49.1520,
52.7995


413.0395,
383.3404, 414.5599

 43.3577, 34.7401,
37.2561


 103.3824, 88.9172,
95.7478

 30.3616, 23.4627,
25.1085


 131.6206,
115.0392, 123.9898

 20.2627, 14.9355,
15.9382


164.5827,
145.8334, 157.3018

 12.6955, 8.7742,
9.3265

202.6341,
181.6841, 196.1023

 7.2947, 4.5942,
4.8551

246.1401,
222.9758, 240.8098

 3.6951, 2.0112,
2.1052

295.4661,

 1.5311, 0.6140,

270.0928, 291.8428

0.6189

350.9774,
323.4195, 349.6200

■ 0.3469, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6163, 49.1520,
52.7995

■ 59.6163, 49.1520,
52.7995

■ 53.9202, 40.5761,
42.2178

■ 66.3890, 59.5102,
64.8820

■ 49.2394, 33.6746,
33.0734

■ 74.2871, 71.7369,
78.5191

■ 45.5125, 28.3384,
25.3026

■ 83.3613, 85.9208,
93.7657

■ 42.6695, 24.4428,
18.8352

■ 91.4664, 98.1526,
108.7323

■ 40.6301, 21.8436,
13.5943

■ 39.2981, 20.3659,
9.4931

■ 38.7215, 19.8386,
7.3714

Harmonies

Analogous

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



57.9108, 49.1520, 71.6094



59.6163, 49.1520, 52.7995



57.6204, 49.1520, 37.7638

Triad

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



59.6163, 49.1520, 52.7995



40.8323, 49.1520, 29.3945



41.2327, 49.1520, 89.1788

Complementary

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



59.6163, 49.1520, 52.7995



60.9436, 78.3665, 81.0253

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.



37.2848, 49.1520, 73.1385



59.6163, 49.1520, 52.7995



37.0683, 49.1520, 38.7635

Square

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



59.6163, 49.1520, 52.7995



46.4659, 49.1520, 26.2206



35.8279, 49.1520, 54.2433



46.9700, 49.1520, 95.2013

Rectangle

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



59.6163, 49.1520, 52.7995



54.5529, 49.1520, 31.1539



35.8279, 49.1520, 54.2433



39.6707, 49.1520, 84.6279

Sweetspot

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



59.6177, 49.1543, 52.8005



84.6330, 83.6698, 91.5432



59.6332, 48.2822, 92.5630



17.8243, 17.4554, 19.1029



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.



59.6177, 49.1543, 52.8005



61.0340, 47.4036, 49.9754



60.7452, 55.0120, 42.0699



16.6901, 16.5589, 18.1148



20.9106, 10.7077, 4.2377



1.8799, 0.9579, 0.5938

Inverse Universe

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



59.6177, 49.1543, 52.8005



61.0340, 47.4036, 49.9754



59.1204, 69.4466, 96.6752



16.6901, 16.5589, 18.1148



20.9106, 10.7077, 4.2377



1.8799, 0.9579, 0.5938

Previews

White Background



This preview shows how the XYZ color 59.6163, 49.1520, 52.7995 looks on a white background.

Color Contrast Check

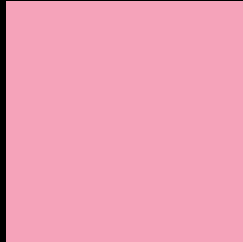
Large Text (above 18pt) WCAG AA × Fail

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 59.6163, 49.1520, 52.7995 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 59.6163, 49.1520, 52.7995

Background



This preview shows how black text looks on a background with the XYZ color 59.6163, 49.1520, 52.7995.



This preview shows how white text looks on a background with the XYZ color 59.6163, 49.1520,

52.7995.

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

59.6163, 49.1520, 52.7995

Protanopia

47.9075, 49.2605, 61.0161

Deuteranopia

50.3221, 49.1832, 51.6408



Tritanopia

58.6992, 49.3177, 48.0205

Trichromacy



Original Color

59.6163, 49.1520, 52.7995



Protanomaly

51.1919, 48.6047, 57.7225



Deuteranomaly

53.3030, 48.9484, 51.9860



Tritanomaly

58.8219, 49.0793, 49.5530

Monochromacy



Original Color

59.6163, 49.1520, 52.7995



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.0849, 50.0183, 55.0534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6163, 49.1520, 52.7995 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(245, 163, 186)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 186)  
}
```

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(245, 163, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 186) }
```

Border

The CSS property to change the border of an element to XYZ 59.6163, 49.1520, 52.7995 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(245, 163, 186) }
```


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

```
.border{ border-color:rgb(245, 163, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 186);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6163, 49.1520, 52.7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 186) }
```

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

```
.background{ background-color: rgb(245,  
163, 186) }
```

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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