

Converting Colors

XYZ(58.5188, 43.9220, 61.5996)

Have a look what the booklet for
XYZ(58.5188, 43.9220, 61.5996)
contains.

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Color

**XYZ(58.5611, 43.9751,
61.9014)**

Conversions

Conversions Part 1

Format	Color
Hex	F591CB
RGB	245, 145, 203
RGB Percent	96%, 57%, 80%
CMY	0.0392, 0.4313, 0.2039
CMYK	0.00, 0.41, 0.17, 0.04
HSL	325°, 83%, 76%
HSV	325°, 41%, 96%
XYZ	58.5611, 43.9751, 61.9014
YIQ	181.5120, 40.9820, 39.2380

Conversions

Conversions Part 2

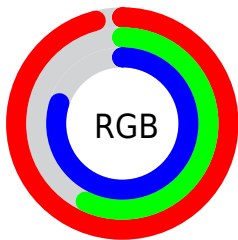
Format	Color
R _Y B	245, 145, 203
Decimal	16093643
CIE Lab	72.21, 45.24, -13.59
CIE LCh	72, 47.236, 343.275
Yxy	43.9751, 0.3561, 0.2674
Android (android.graphics.Color)	4294283723 (0xFFFF591CB)
YUV	181.5120, 10.5936, 55.6790
Hunter-Lab	66.3137, 41.5829, -8.9254

Details

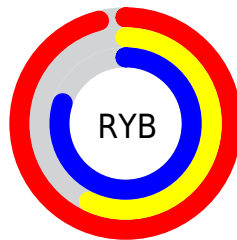
The XYZ color **58.5611, 43.9751, 61.9014** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.3011, 74.9137, 58.6678**, and the grayscale version is **44.1283, 46.4264, 50.5583**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **29.7455, 20.3890, 30.8015** is the 20% darker color. If you saturate the color by 10%, you get **54.0273, 36.8050, 54.5393**, and if you desaturate by 10%, it is **63.9861, 52.7962, 69.9631**.

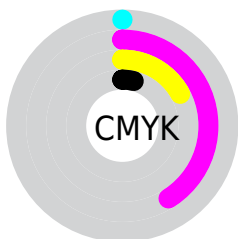
Distribution



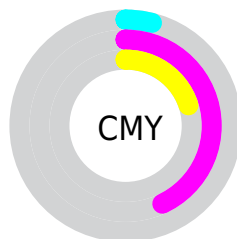
- Red (96%)
- Green (57%)
- Blue (80%)



- Red (96%)
- Yellow (57%)
- Blue (80%)



- Cyan (0%)
- Magenta (41%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5611, 43.9751, 61.9014 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 58.5611, 43.9751, 61.9014 by changing the saturation by 10% instead.


 58.5611, 43.9751,
61.9014


 58.5611, 43.9751,
61.9014


409.1937,
362.6067, 449.5691

 42.5049, 30.6509,
44.5178

 101.8578, 81.1803,
109.1532

 29.6897, 20.3332,
30.7376


 129.8290,
105.8301, 139.8585

 19.7501, 12.6375,
20.1423


162.5026,
135.0239, 175.8414

 12.3207, 7.1794,
12.3134

200.2439,
169.1461, 217.5204

 7.0362, 3.5745,
6.8324

243.4183,
208.5810, 265.3142

 3.5313, 1.4385,
3.2806

292.3912,

 1.4406, 0.2449,

253.7132, 319.6412

1.2397

347.5279,
304.9269, 380.9200

■ 0.2848, 0.0000,
0.0116

■ 0.0000, 0.0000,
0.0000

■ 58.5611, 43.9751,
61.9014

■ 58.5611, 43.9751,
61.9014

■ 54.0273, 36.8050,
54.5393

■ 63.9861, 52.7962,
69.9631

■ 50.3268, 31.1743,
47.8484

■ 70.3476, 63.3582,
78.7458

■ 47.4008, 26.9673,
41.8016

■ 77.6924, 75.7517,
88.2727

■ 45.1804, 24.0490,
36.3678

■ 86.0630, 90.0593,
98.5651

■ 43.5837, 22.2582,
31.5111

■ 91.3786, 98.1175,
108.2698

■ 42.5461, 21.3685,
27.5106

■ 91.4665, 98.1526,
108.7323

Harmonies

Analogous

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



53.4108, 43.9751, 88.2612



58.5611, 43.9751, 61.9014



58.8655, 43.9751, 38.3500

Triad

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



58.5611, 43.9751, 61.9014



38.3209, 43.9751, 16.2632



31.4504, 43.9751, 85.4374

Complementary

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



58.5611, 43.9751, 61.9014



53.3011, 74.9137, 58.6678

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.



28.3950, 43.9751, 58.8741



58.5611, 43.9751, 61.9014



32.0020, 43.9751, 22.1912

Square

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



58.5611, 43.9751, 61.9014



46.4420, 43.9751, 16.6039



28.5829, 43.9751, 36.1563



37.4726, 43.9751, 104.5761

Rectangle

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



58.5611, 43.9751, 61.9014



56.2201, 43.9751, 27.3379



28.5829, 43.9751, 36.1563



30.0793, 43.9751, 76.7672

Sweetspot

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



58.5624, 43.9772, 61.9023



84.0524, 81.2062, 95.3648



47.0209, 37.3686, 91.1214



17.7556, 16.9831, 20.1124



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.



58.5624, 43.9772, 61.9023



59.9514, 41.5274, 61.0551



53.5607, 41.9765, 35.5634



16.9021, 16.6437, 19.2313



22.9910, 11.5398, 15.1926



2.0719, 1.0347, 1.6051

Inverse Universe

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



58.5624, 43.9772, 61.9023



59.9514, 41.5274, 61.0551



59.5684, 77.4206, 91.6707



16.9021, 16.6437, 19.2313



22.9910, 11.5398, 15.1926



2.0719, 1.0347, 1.6051

Previews

White Background



This preview shows how the XYZ color 58.5611, 43.9751, 61.9014 looks on a white background.

Color Contrast Check

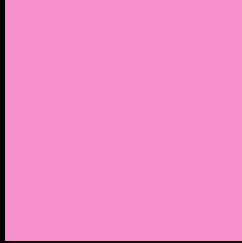
Large Text (above 18pt) WCAG AA × Fail

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 58.5611, 43.9751, 61.9014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

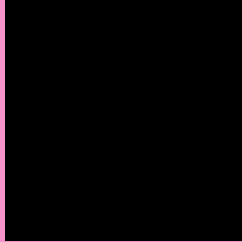
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5611, 43.9751, 61.9014

Background



This preview shows how black text looks on a background with the XYZ color 58.5611, 43.9751, 61.9014.



This preview shows how white text looks on a background with the XYZ color 58.5611, 43.9751,

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

58.5611, 43.9751, 61.9014

Protanopia

44.7058, 44.5395, 76.7617

Deuteranopia

45.1442, 44.2786, 59.5934



Tritanopia

54.2047, 43.8376, 40.7266

Trichromacy



Original Color

58.5611, 43.9751, 61.9014



Protanomaly

48.3555, 43.4702, 70.8077



Deuteranomaly

49.2546, 43.6299, 60.4690



Tritanomaly

55.4013, 43.5865, 47.6125

Monochromacy



Original Color

58.5611, 43.9751, 61.9014



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.6591, 45.0728, 54.8505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5611, 43.9751, 61.9014 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, 145, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 145, 203)  
}
```

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, 145, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 145, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.5611, 43.9751, 61.9014 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, 145, 203) }
```


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

```
.border{ border-color:rgb(245, 145, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 145, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 145, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 145, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 145,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5611, 43.9751, 61.9014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 145, 203) }
```

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

```
.background{ background-color: rgb(245,  
145, 203) }
```

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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