

Converting Colors

XYZ(59.2180, 39.3910, 62.8746)

Have a look what the booklet for
XYZ(59.2180, 39.3910, 62.8746)
contains.

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Color

**XYZ(59.2180, 39.3910,
62.8746)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79CE
RGB	255, 121, 206
RGB Percent	100%, 47%, 81%
CMY	0.0000, 0.5255, 0.1922
CMYK	0.00, 0.53, 0.19, 0.00
HSL	322°, 100%, 74%
HSV	322°, 53%, 100%
XYZ	59.2180, 39.3910, 62.8746
YIQ	170.7560, 52.5790, 54.8430

Conversions

Conversions Part 2

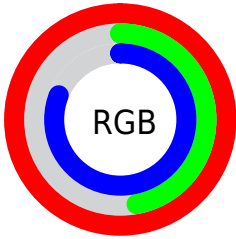
Format	Color
R _Y B	255, 121, 206
Decimal	16742862
CIE _{Lab}	69.03, 60.52, -19.94
CIE _{LCh}	69, 63.722, 341.768
Yxy	39.3910, 0.3667, 0.2439
Android (android.graphics.Color)	4294932942 (0xFFFF79CE)
YUV	170.7560, 17.3753, 73.8820
Hunter-Lab	62.7622, 58.5860, -15.4626

Details

The XYZ color **59.2180, 39.3910, 62.8746** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.9025, 78.4880, 50.5003**, and the grayscale version is **38.4848, 40.4890, 44.0925**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **30.0066, 17.5359, 31.5090** is the 20% darker color. If you saturate the color by 10%, you get **55.4190, 33.5525, 56.1841**, and if you desaturate by 10%, it is **63.9049, 46.8976, 70.1936**.

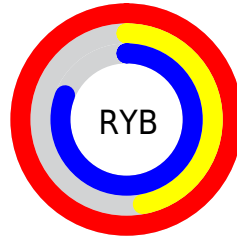
Distribution



Red (100%)

Green (47%)

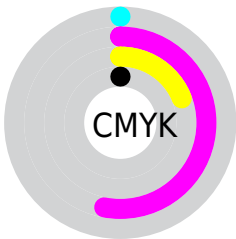
Blue (81%)



Red (100%)

Yellow (47%)

Blue (81%)

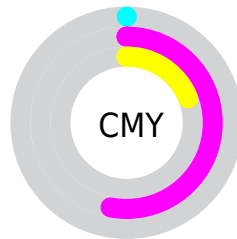


Cyan (0%)

Magenta (53%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (53%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2180, 39.3910, 62.8746 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 59.2180, 39.3910, 62.8746 by changing the saturation by 10% instead.


 59.2180, 39.3910,
62.8746

 59.2180, 39.3910,
62.8746


411.5904,
343.5500, 453.2097


 43.0357, 27.0640,
45.2994

 102.8073, 74.2353,
110.5724

 30.1078, 17.6213,
31.3487


 130.9449, 97.5213,
141.5321

 20.0689, 10.6785,
20.6038


 163.7984,
125.2292, 177.7904

 12.5537, 5.8511,
12.6463

201.7330,
157.7434, 219.7658

 7.1968, 2.7547,
7.0576

245.1142,
195.4481, 267.8769

 3.6329, 1.0051,
3.4191

294.3072,

 1.4966, 0.0000,

238.7279, 322.5422

1.3124

349.6775,
287.9670, 384.1803

■ 0.3235, 0.0000,
0.0719

■ 0.0000, 0.0000,
0.0000

■ 59.2180, 39.3910,
62.8746

■ 59.2180, 39.3910,
62.8746

■ 55.4190, 33.5525,
56.1841

■ 63.9049, 46.8976,
70.1936

■ 52.4379, 29.2441,
50.0917

■ 69.5369, 56.1850,
78.1644

■ 50.1982, 26.3148,
44.5665

■ 76.1694, 67.3624,
86.8113

■ 48.6064, 24.5793,
39.5714

■ 83.8527, 80.5284,
96.1563

■ 47.7394, 23.8598,
36.1553

■ 92.6336, 95.7751,
106.2203

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.0117, 39.3910, 99.5846



59.2180, 39.3910, 62.8746



59.9951, 39.3910, 32.4658

Triad

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



59.2180, 39.3910, 62.8746



33.5971, 39.3910, 8.1325



24.6824, 39.3910, 91.9679

Complementary

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



59.2180, 39.3910, 62.8746



50.9025, 78.4880, 50.5003

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.



21.3922, 39.3910, 55.3363



59.2180, 39.3910, 62.8746



25.8808, 39.3910, 13.2392

Square

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



59.2180, 39.3910, 62.8746



43.8879, 39.3910, 8.6833



21.7871, 39.3910, 27.6643



31.6567, 39.3910, 120.9518

Rectangle

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



59.2180, 39.3910, 62.8746



56.6167, 39.3910, 19.6706



21.7871, 39.3910, 27.6643



23.1711, 39.3910, 79.5841

Sweetspot

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



59.2189, 39.3928, 62.8754



81.0773, 75.7505, 92.8485



41.0164, 29.2109, 98.0842



17.0130, 15.6291, 19.4601



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.



59.2189, 39.3928, 62.8754



55.2665, 33.3248, 55.8949



52.8939, 36.8627, 29.5681



18.4943, 18.1810, 21.2201



25.0192, 12.4970, 19.2833



2.4886, 1.2378, 2.1545

Inverse Universe

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



59.2189, 39.3928, 62.8754



55.2665, 33.3248, 55.8949



58.6273, 81.5779, 91.1785



18.4943, 18.1810, 21.2201



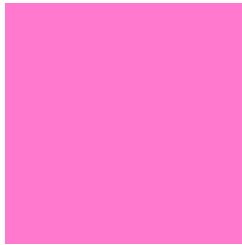
25.0192, 12.4970, 19.2833



2.4886, 1.2378, 2.1545

Previews

White Background



This preview shows how the XYZ color 59.2180, 39.3910, 62.8746 looks on a white background.

Color Contrast Check

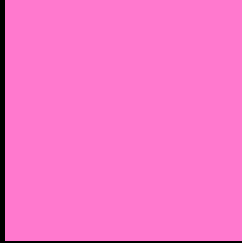
Large Text (above 18pt) WCAG AA × Fail

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 59.2180, 39.3910, 62.8746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

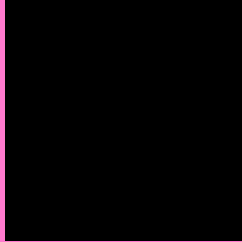
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2180, 39.3910, 62.8746

Background



This preview shows how black text looks on a background with the XYZ color 59.2180, 39.3910, 62.8746.

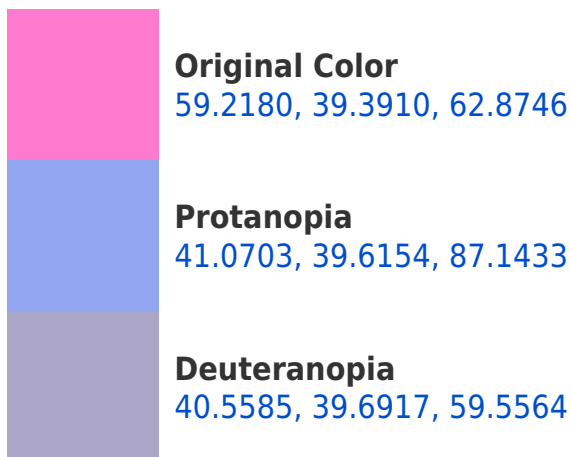


This preview shows how white text looks on a background with the XYZ color 59.2180, 39.3910,

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





Tritanopia

52.6261, 39.2035, 31.1789

Trichromacy



Original Color

59.2180, 39.3910, 62.8746



Protanomaly

45.0212, 37.7978, 77.5959



Deuteranomaly

45.7652, 38.3157, 60.8607



Tritanomaly

54.6090, 38.9998, 41.2087

Monochromacy



Original Color

59.2180, 39.3910, 62.8746



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

44.4001, 38.7997, 50.4964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2180, 39.3910, 62.8746 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(255, 121, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 206)  
}
```

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(255, 121, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.2180, 39.3910, 62.8746 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(255, 121, 206) }
```


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

```
.border{ border-color:rgb(255, 121, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2180, 39.3910, 62.8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 206) }
```

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

```
.background{ background-color: rgb(255,  
121, 206) }
```

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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