

Converting Colors

XYZ(59.1207, 39.6221, 61.4759)

Have a look what the booklet for
XYZ(59.1207, 39.6221, 61.4759)
contains.

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Color

**XYZ(59.0986, 39.5387,
61.6436)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7ACC
RGB	255, 122, 204
RGB Percent	100%, 48%, 80%
CMY	0.0000, 0.5215, 0.2000
CMYK	0.00, 0.52, 0.20, 0.00
HSL	323°, 100%, 74%
HSV	323°, 52%, 100%
XYZ	59.0986, 39.5387, 61.6436
YIQ	171.1150, 52.9460, 53.6980

Conversions

Conversions Part 2

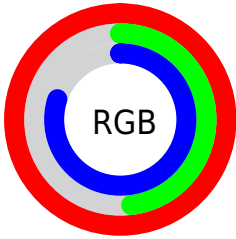
Format	Color
R _Y B	255, 122, 204
Decimal	16743116
CIE Lab	69.14, 59.78, -18.66
CIE LCh	69, 62.622, 342.664
Yxy	39.5387, 0.3687, 0.2467
Android (android.graphics.Color)	4294933196 (0xFFFF7ACC)
YUV	171.1150, 16.2123, 73.5671
Hunter-Lab	62.8798, 57.7264, -14.1085

Details

The XYZ color **59.0986, 39.5387, 61.6436** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.3305, 78.6755, 52.0190**, and the grayscale version is **38.6702, 40.6841, 44.3050**.

A 20% lighter version of the original color is **75.2104, 60.3208, 102.2868**, and **29.9589, 17.7005, 30.6917** is the 20% darker color. If you saturate the color by 10%, you get **55.2319, 33.6236, 54.7488**, and if you desaturate by 10%, it is **63.8622, 47.1293, 69.2016**.

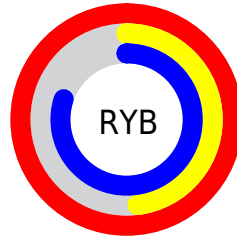
Distribution



Red (100%)

Green (48%)

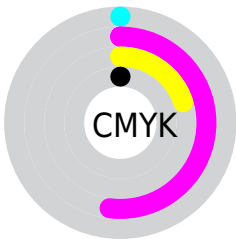
Blue (80%)



Red (100%)

Yellow (48%)

Blue (80%)

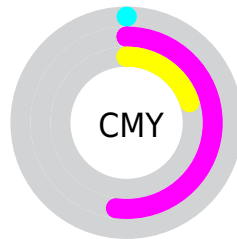


Cyan (0%)

Magenta (52%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0986, 39.5387, 61.6436 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 59.0986, 39.5387, 61.6436 by changing the saturation by 10% instead.


 59.0986, 39.5387,
61.6436


 59.0986, 39.5387,
61.6436


411.1554,
344.1754, 448.6016


 42.9392, 27.1791,
44.3109


 102.6348, 74.4605,
108.7769

 30.0317, 17.7077,
30.5760


 130.7422, 97.7915,
139.4145

 20.0108, 10.7404,
20.0204


 163.5630,
125.5485, 175.3241

 12.5112, 5.8925,
12.2257

201.4626,
158.1157, 216.9243

 7.1675, 2.7798,
6.7732

244.8063,
195.8776, 264.6336

 3.6144, 1.0179,
3.2444

293.9594,

 1.4864, 0.0000,

239.2186, 318.8705

1.2207

349.2873,
288.5230, 380.0537

■ 0.3165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0986, 39.5387,
61.6436

■ 59.0986, 39.5387,
61.6436

■ 55.2319, 33.6236,
54.7488

■ 63.8622, 47.1293,
69.2016

■ 52.1920, 29.2467,
48.4859

■ 69.5796, 56.5078,
77.4469

■ 49.9028, 26.2577,
42.8232

■ 76.3063, 67.7829,
86.4047

■ 48.2715, 24.4730,
37.7226

■ 84.0927, 81.0532,
96.0978

■ 47.3441, 23.7016,
34.0737

■ 92.9854, 96.4104,
106.5479

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.



52.1841, 39.5387, 97.6044



59.0986, 39.5387, 61.6436



59.6492, 39.5387, 32.0661

Triad

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



59.0986, 39.5387, 61.6436



33.5184, 39.5387, 8.5648



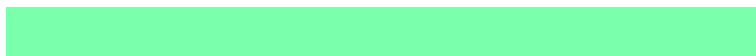
25.1345, 39.5387, 92.2259

Complementary

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



59.0986, 39.5387, 61.6436



51.3305, 78.6755, 52.0190

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.



21.7617, 39.5387, 56.2952



59.0986, 39.5387, 61.6436



25.9921, 39.5387, 13.9164

Square

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



59.0986, 39.5387, 61.6436



43.6092, 39.5387, 8.9671



22.0449, 39.5387, 28.6321



32.1344, 39.5387, 119.9704

Rectangle

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



59.0986, 39.5387, 61.6436



56.2141, 39.5387, 19.6354



22.0449, 39.5387, 28.6321



23.5998, 39.5387, 80.1599

Sweetspot

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



59.0996, 39.5405, 61.6444



80.9696, 75.7074, 92.2814



42.2413, 30.0237, 98.1765



16.9872, 15.6188, 19.3246



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.



59.0996, 39.5405, 61.6444



54.9437, 33.1957, 54.1949



52.7534, 37.0020, 28.2258



18.4801, 18.1754, 21.1456



24.8135, 12.4147, 18.2001



2.4694, 1.2301, 2.0532

Inverse Universe

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



59.0996, 39.5405, 61.6444



54.9437, 33.1957, 54.1949



59.4387, 81.9188, 94.7160



18.4801, 18.1754, 21.1456



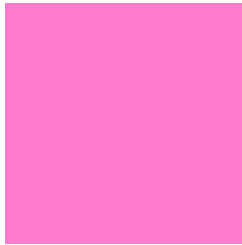
24.8135, 12.4147, 18.2001



2.4694, 1.2301, 2.0532

Previews

White Background



This preview shows how the XYZ color 59.0986, 39.5387, 61.6436 looks on a white background.

Color Contrast Check

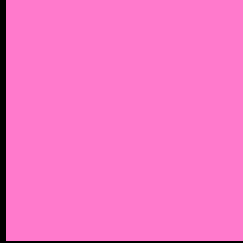
Large Text (above 18pt) WCAG AA × Fail

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 59.0986, 39.5387, 61.6436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

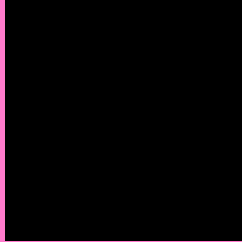
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0986, 39.5387, 61.6436

Background



This preview shows how black text looks on a background with the XYZ color 59.0986, 39.5387, 61.6436.



This preview shows how white text looks on a background with the XYZ color 59.0986, 39.5387,

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

59.0986, 39.5387, 61.6436

Protanopia

41.1718, 39.9895, 84.9056

Deuteranopia

40.5464, 39.7121, 58.3515



Tritanopia

52.8417, 39.5120, 31.6296

Trichromacy



Original Color

59.0986, 39.5387, 61.6436



Protanomaly

45.0147, 38.0798, 75.4986



Deuteranomaly

45.5299, 38.2216, 59.6214



Tritanomaly

54.6492, 39.2277, 40.7678

Monochromacy



Original Color

59.0986, 39.5387, 61.6436



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

44.2956, 38.7579, 49.9461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0986, 39.5387, 61.6436 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, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 204)  
}
```

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, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.0986, 39.5387, 61.6436 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, 122, 204) }
```


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

```
.border{ border-color:rgb(255, 122, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 122, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0986, 39.5387, 61.6436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 204) }
```

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

```
.background{ background-color: rgb(255,  
122, 204) }
```

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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