

Converting Colors

XYZ(59.0232, 46.5993, 39.3869)

Have a look what the booklet for
XYZ(59.0232, 46.5993, 39.3869)
contains.

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Color

**XYZ(59.0643, 46.6157,
39.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99A1
RGB	255, 153, 161
RGB Percent	100%, 60%, 63%
CMY	0.0000, 0.4000, 0.3686
CMYK	0.00, 0.40, 0.37, 0.00
HSL	355°, 100%, 80%
HSV	355°, 40%, 100%
XYZ	59.0643, 46.6157, 39.6029
YIQ	184.4100, 58.2240, 24.1120

Conversions

Conversions Part 2

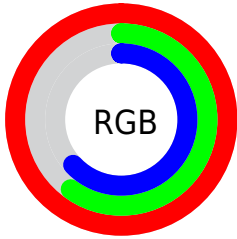
Format	Color
R_{YB}	255, 153, 161
Decimal	16751009
CIE _{Lab}	73.94, 38.99, 12.31
CIE _{LCh}	74, 40.887, 17.523
Yxy	46.6157, 0.4065, 0.3209
Android (android.graphics.Color)	4294941089 (0xFFFF99A1)
YUV	184.4100, -11.5411, 61.9074
Hunter-Lab	68.2757, 34.9353, 13.4022

Details

The XYZ color **59.0643, 46.6157, 39.6029** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6876, 85.0087, 100.9466**, and the grayscale version is **45.8272, 48.2138, 52.5048**.

A 20% lighter version of the original color is **76.4351, 71.8188, 74.7996**, and **30.1366, 21.9759, 17.4052** is the 20% darker color. If you saturate the color by 10%, you get **53.4463, 38.3905, 28.4485**, and if you desaturate by 10%, it is **65.9660, 56.7847, 53.1078**.

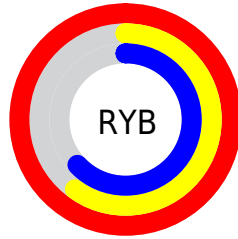
Distribution



Red (100%)

Green (60%)

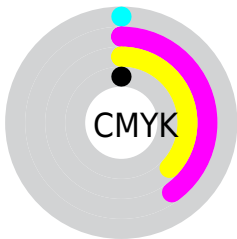
Blue (63%)



Red (100%)

Yellow (60%)

Blue (63%)

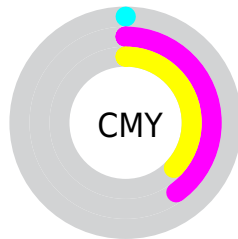


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0643, 46.6157, 39.6029 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 59.0643, 46.6157, 39.6029 by changing the saturation by 10% instead.

 59.0643, 46.6157,
39.6029

 59.0643, 46.6157,
39.6029


411.0304,
373.2785, 359.9492

 42.9115, 32.7320,
26.9176


 102.5852, 85.1397,
75.7889

 30.0099, 21.9212,
17.2795


 130.6840,
110.5487, 100.1267

 19.9942, 13.7990,
10.2699


163.4954,
140.5683, 129.1858

 12.4991, 7.9810,
5.4703

201.3849,
175.5829, 163.3847

 7.1591, 4.0828,
2.4623

244.7178,
215.9768, 203.1420

 3.6090, 1.7200,
0.8201

293.8594,

 1.4834, 0.4365,

262.1344, 248.8761

0.0000

349.1752,
314.4402, 301.0057

■ 0.3145, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0643, 46.6157,
39.6029

■ 59.0643, 46.6157,
39.6029

■ 53.4463, 38.3905,
28.4485

■ 65.9660, 56.7847,
53.1078

■ 49.0292, 31.9790,
19.5076

■ 74.2201, 69.0033,
69.0841

■ 45.7262, 27.2457,
12.6331

■ 83.8950, 83.3777,
87.6476

■ 43.4371, 24.0335,
7.6591

95.0500, 100.0000,
108.9000

■ 42.0437, 22.1552,
4.3938

■ 41.3663, 21.3106,
2.5946

■ 41.3661, 21.3105,
2.5943

Harmonies

Analogous

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



59.4520, 46.6157, 59.9341



59.0643, 46.6157, 39.6029



54.4637, 46.6157, 26.5307

Triad

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



59.0643, 46.6157, 39.6029



34.7510, 46.6157, 28.1856



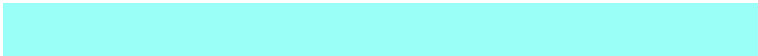
41.3466, 46.6157, 100.9135

Complementary

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



59.0643, 46.6157, 39.6029



65.6876, 85.0087, 100.9466

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.



35.4984, 46.6157, 86.4989



59.0643, 46.6157, 39.6029



31.9805, 46.6157, 42.5673

Square

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



59.0643, 46.6157, 39.6029



40.2187, 46.6157, 21.2909



32.2382, 46.6157, 63.8294



48.6630, 46.6157, 99.4741

Rectangle

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



59.0643, 46.6157, 39.6029



49.8853, 46.6157, 21.9630



32.2382, 46.6157, 63.8294



39.1605, 46.6157, 97.6267

Sweetspot

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



59.0655, 46.6180, 39.6038



81.8406, 80.3215, 83.7174



67.6242, 49.6882, 100.6343



17.2372, 16.7758, 17.3826



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.



59.0655, 46.6180, 39.6038



54.4699, 39.8845, 30.4951



66.6186, 62.8166, 38.7536



18.0671, 18.0102, 18.9707



21.6349, 11.1433, 1.4621



2.1255, 1.0926, 0.2423

Inverse Universe

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



59.0655, 46.6180, 39.6038



54.4699, 39.8845, 30.4951



54.8576, 61.3318, 103.5547



18.0671, 18.0102, 18.9707



21.6349, 11.1433, 1.4621



2.1255, 1.0926, 0.2423

Previews

White Background



This preview shows how the XYZ color 59.0643, 46.6157, 39.6029 looks on a white background.

Color Contrast Check

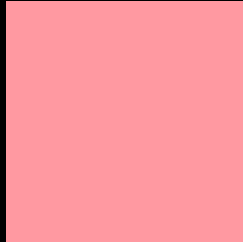
Large Text (above 18pt) WCAG AA × Fail

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 59.0643, 46.6157, 39.6029 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 59.0643, 46.6157, 39.6029

Background



This preview shows how black text looks on a background with the XYZ color 59.0643, 46.6157, 39.6029.



This preview shows how white text looks on a background with the XYZ color 59.0643, 46.6157,

39.6029.

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

59.0643, 46.6157, 39.6029

Protanopia

44.8539, 46.7471, 47.7333

Deuteranopia

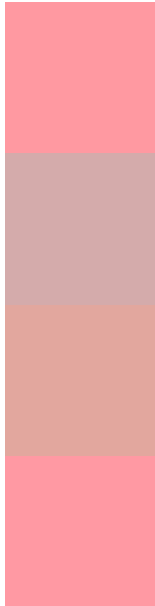
47.7103, 46.6496, 38.3880



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

59.0643, 46.6157, 39.6029

Protanomaly

49.0650, 46.0631, 44.8331

Deuteranomaly

51.3543, 46.2748, 38.5730

Tritanomaly

59.2421, 46.6868, 40.5394

Monochromacy



Original Color

59.0643, 46.6157, 39.6029

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

49.3584, 46.7234, 47.4913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0643, 46.6157, 39.6029 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, 153, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 161)  
}
```

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, 153, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 161) }
```

Border

The CSS property to change the border of an element to XYZ 59.0643, 46.6157, 39.6029 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, 153, 161) }
```


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

```
.border{ border-color:rgb(255, 153, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0643, 46.6157, 39.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 161) }
```

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

```
.background{ background-color: rgb(255,  
153, 161) }
```

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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