

Converting Colors

XYZ(59.2060, 46.1114, 42.0791)

Have a look what the booklet for
XYZ(59.2060, 46.1114, 42.0791)
contains.

XYZ(59.1895, 46.1464, 41.8639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.1895, 46.1464,
41.8639)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97A6
RGB	255, 151, 166
RGB Percent	100%, 59%, 65%
CMY	0.0000, 0.4078, 0.3490
CMYK	0.00, 0.41, 0.35, 0.00
HSL	351°, 100%, 80%
HSV	351°, 41%, 100%
XYZ	59.1895, 46.1464, 41.8639
YIQ	183.8060, 57.1690, 26.7130

Conversions

Conversions Part 2

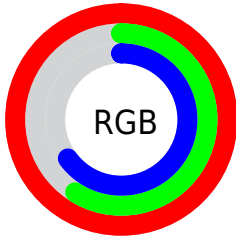
Format	Color
R _Y B	255, 151, 166
Decimal	16750502
CIE Lab	73.64, 40.60, 9.12
CIE LCh	74, 41.609, 12.663
Yxy	46.1464, 0.4021, 0.3135
Android (android.graphics.Color)	4294940582 (0xFFFF97A6)
YUV	183.8060, -8.7784, 62.4371
Hunter-Lab	67.9311, 36.6504, 11.0132

Details

The XYZ color **59.1895, 46.1464, 41.8639** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.2528, 84.3915, 95.3454**, and the grayscale version is **45.4789, 47.8474, 52.1058**.

A 20% lighter version of the original color is **76.6040, 71.1061, 78.0940**, and **30.1699, 21.6860, 18.5153** is the 20% darker color. If you saturate the color by 10%, you get **53.6856, 38.0750, 30.9765**, and if you desaturate by 10%, it is **65.9231, 56.1331, 54.8380**.

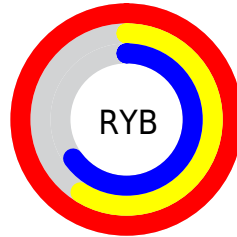
Distribution



Red (100%)

Green (59%)

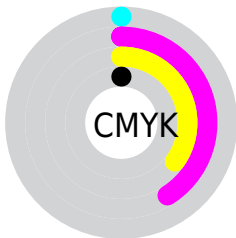
Blue (65%)



Red (100%)

Yellow (59%)

Blue (65%)

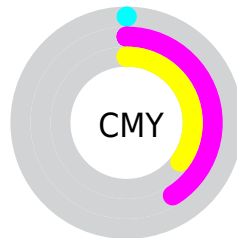


Cyan (0%)

Magenta (41%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1895, 46.1464, 41.8639 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 59.1895, 46.1464, 41.8639 by changing the saturation by 10% instead.


 59.1895, 46.1464,
41.8639

 59.1895, 46.1464,
41.8639


411.4866,
371.3969, 369.7014

 43.0126, 32.3614,
28.6700


 102.7661, 84.4381,
79.2615

 30.0896, 21.6377,
18.5879


 130.8965,
109.7135, 104.3022

 20.0550, 13.5909,
11.1991


163.7422,
139.5878, 134.1289

 12.5435, 7.8367,
6.0850

201.6685,
174.4454, 169.1602

 7.1898, 3.9906,
2.8272

245.0407,
214.6708, 209.8145

 3.6285, 1.6683,
1.0071

294.2242,

 1.4942, 0.4030,

260.6482, 256.5105

0.0000

349.5844,
312.7621, 309.6666

■ 0.3219, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1895, 46.1464,
41.8639

■ 59.1895, 46.1464,
41.8639

■ 53.6856, 38.0750,
30.9765

■ 65.9231, 56.1331,
54.8380

■ 49.3327, 31.7896,
22.0636

■ 73.9511, 68.1399,
69.9976

■ 46.0488, 27.1559,
15.0064

■ 83.3384, 82.2721,
87.4383

■ 43.7392, 24.0175,
9.6720

■ 94.1440, 98.6256,
107.2493

■ 42.2922, 22.1874,
5.9093

95.0500, 100.0000,
108.9000

■ 41.5702, 21.3921,
3.6692

Harmonies

Analogous

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



58.8251, 46.1464, 63.3344



59.1895, 46.1464, 41.8639



55.1275, 46.1464, 27.4563

Triad

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



59.1895, 46.1464, 41.8639



34.9417, 46.1464, 25.9219



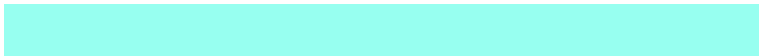
39.7724, 46.1464, 99.7918

Complementary

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



59.1895, 46.1464, 41.8639



64.2528, 84.3915, 95.3454

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.



34.2443, 46.1464, 83.0702



59.1895, 46.1464, 41.8639



31.6774, 46.1464, 39.0971

Square

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



59.1895, 46.1464, 41.8639



40.8272, 46.1464, 20.1409



31.4373, 46.1464, 59.6774



47.0411, 46.1464, 101.1511

Rectangle

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



59.1895, 46.1464, 41.8639



50.6949, 46.1464, 22.1301



31.4373, 46.1464, 59.6774



37.6702, 46.1464, 95.6040

Sweetspot

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



59.1907, 46.1487, 41.8648



82.1199, 80.4332, 85.1882



64.8499, 47.7761, 100.4114



17.3024, 16.8018, 17.7258



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.



59.1907, 46.1487, 41.8648



54.5798, 39.3788, 32.7684



64.6827, 59.2071, 37.3001



18.1160, 18.0297, 19.2283



21.7533, 11.1906, 2.0856



2.1485, 1.1018, 0.3634

Inverse Universe

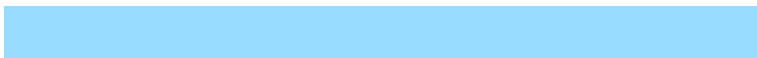
The Inverse Universe completely reimagines the original color for something new.



59.1907, 46.1487, 41.8648



54.5798, 39.3788, 32.7684



56.0417, 64.2558, 104.0566



18.1160, 18.0297, 19.2283



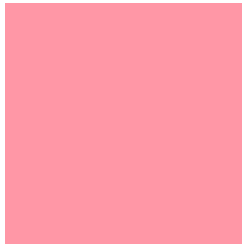
21.7533, 11.1906, 2.0856



2.1485, 1.1018, 0.3634

Previews

White Background



This preview shows how the XYZ color 59.1895, 46.1464, 41.8639 looks on a white background.

Color Contrast Check

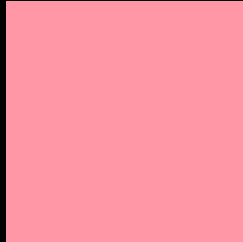
Large Text (above 18pt) WCAG AA × Fail

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 59.1895, 46.1464, 41.8639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

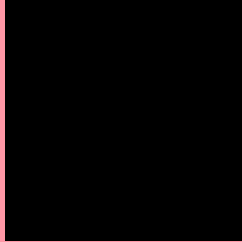
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1895, 46.1464, 41.8639

Background



This preview shows how black text looks on a background with the XYZ color 59.1895, 46.1464, 41.8639.



This preview shows how white text looks on a background with the XYZ color 59.1895, 46.1464,

41.8639.

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

59.1895, 46.1464, 41.8639

Protanopia

44.5319, 46.2103, 50.8284

Deuteranopia

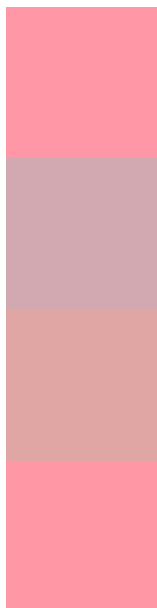
47.3052, 46.3904, 40.6434



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

59.1895, 46.1464, 41.8639

Protanomaly

48.6028, 45.2122, 47.2395

Deuteranomaly

50.9875, 45.7641, 40.7963

Tritanomaly

59.1691, 46.3968, 40.9589

Monochromacy



Original Color

59.1895, 46.1464, 41.8639

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

49.2667, 46.3810, 47.9508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1895, 46.1464, 41.8639 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, 151, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 166)  
}
```

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, 151, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.1895, 46.1464, 41.8639 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, 151, 166) }
```


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

```
.border{ border-color:rgb(255, 151, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1895, 46.1464, 41.8639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 166) }
```

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

```
.background{ background-color: rgb(255,  
151, 166) }
```

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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