

Converting Colors

XYZ(59.4233, 46.7562, 41.4561)

Have a look what the booklet for
XYZ(59.4233, 46.7562, 41.4561)
contains.

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Color

**XYZ(59.4228, 46.7591,
41.4908)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99A5
RGB	255, 153, 165
RGB Percent	100%, 60%, 65%
CMY	0.0000, 0.4000, 0.3529
CMYK	0.00, 0.40, 0.35, 0.00
HSL	353°, 100%, 80%
HSV	353°, 40%, 100%
XYZ	59.4228, 46.7591, 41.4908
YIQ	184.8660, 56.9400, 25.3560

Conversions

Conversions Part 2

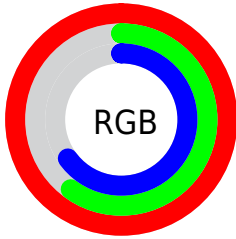
Format	Color
R_{YB}	255, 153, 165
Decimal	16751013
CIE _{Lab}	74.04, 39.45, 10.24
CIE _{LCh}	74, 40.761, 14.544
Yxy	46.7591, 0.4024, 0.3166
Android (android.graphics.Color)	4294941093 (0xFFFF99A5)
YUV	184.8660, -9.7939, 61.5075
Hunter-Lab	68.3806, 35.4505, 11.8915

Details

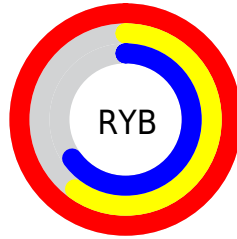
The XYZ color **59.4228, 46.7591, 41.4908** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0767, 84.7644, 97.7299**, and the grayscale version is **46.0714, 48.4707, 52.7845**.

A 20% lighter version of the original color is **76.9587, 72.0282, 77.5568**, and **30.3028, 22.0424, 18.2803** is the 20% darker color. If you saturate the color by 10%, you get **53.8151, 38.5381, 30.3906**, and if you desaturate by 10%, it is **66.2850, 56.9123, 54.7877**.

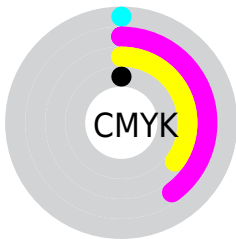
Distribution



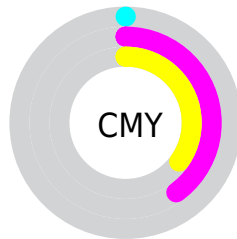
- Red (100%)
- Green (60%)
- Blue (65%)



- Red (100%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4228, 46.7591, 41.4908 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 59.4228, 46.7591, 41.4908 by changing the saturation by 10% instead.

 59.4228, 46.7591,
41.4908


 59.4228, 46.7591,
41.4908


412.3359,
373.8521, 368.1049

 43.2012, 32.8453,
28.3802


 103.1030, 85.3539,
78.6901

 30.2383, 22.0079,
18.3709


 131.2924,
110.8037, 103.6160

 20.1685, 13.8627,
11.0444


164.2018,
140.8676, 133.3173

 12.6265, 8.0252,
5.9822

202.1965,
175.9299, 168.2126

 7.2471, 4.1111,
2.7656

245.6419,
216.3752, 208.7205

 3.6648, 1.7359,
0.9762

294.9034,

 1.5143, 0.4467,

262.5877, 255.2595

0.0000

350.3462,
314.9519, 308.2481

■ 0.3355, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4228, 46.7591,
41.4908

■ 59.4228, 46.7591,
41.4908

■ 53.8151, 38.5381,
30.3906

■ 66.2850, 56.9123,
54.7877

■ 49.3821, 32.1201,
21.3659

■ 74.4678, 69.1023,
70.3883

■ 46.0404, 27.3714,
14.2878

■ 84.0371, 83.4345,
88.3957

■ 43.6940, 24.1362,
9.0117

95.0500, 100.0000,
108.9000

■ 42.2296, 22.2295,
5.3725

■ 41.4743, 21.3539,
3.1636

■ 41.4742, 21.3537,
3.1632

Harmonies

Analogous

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



59.3528, 46.7591, 62.3661



59.4228, 46.7591, 41.4908



55.1895, 46.7591, 27.6439

Triad

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



59.4228, 46.7591, 41.4908



35.3261, 46.7591, 27.3446



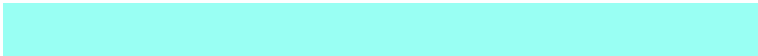
40.8147, 46.7591, 100.1759

Complementary

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



59.4228, 46.7591, 41.4908



65.0767, 84.7644, 97.7299

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.



35.1910, 46.7591, 84.5446



59.4228, 46.7591, 41.4908



32.2661, 46.7591, 40.9551

Square

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



59.4228, 46.7591, 41.4908



41.0184, 46.7591, 21.1232



32.2196, 46.7591, 61.6628



48.0533, 46.7591, 100.4355

Rectangle

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



59.4228, 46.7591, 41.4908



50.7380, 46.7591, 22.6077



32.2196, 46.7591, 61.6628



38.6917, 46.7591, 96.3883

Sweetspot

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



59.4240, 46.7614, 41.4917



82.0067, 80.3879, 84.5919



65.8550, 48.7761, 100.5515



17.2760, 16.7913, 17.5866



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.



59.4240, 46.7614, 41.4917



54.8389, 40.0321, 32.4379



65.4915, 60.5625, 38.3779



18.0962, 18.0218, 19.1239



21.6984, 11.1686, 1.7962



2.1392, 1.0981, 0.3145

Inverse Universe

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



59.4240, 46.7614, 41.4917



54.8389, 40.0321, 32.4379



56.1566, 63.9299, 103.9877



18.0962, 18.0218, 19.1239



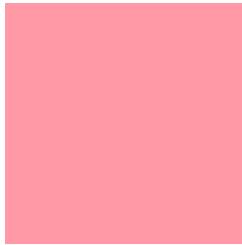
21.6984, 11.1686, 1.7962



2.1392, 1.0981, 0.3145

Previews

White Background



This preview shows how the XYZ color 59.4228, 46.7591, 41.4908 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 59.4228, 46.7591, 41.4908 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 59.4228, 46.7591, 41.4908

Background



This preview shows how black text looks on a background with the XYZ color 59.4228, 46.7591, 41.4908.



This preview shows how white text looks on a background with the XYZ color 59.4228, 46.7591,

41.4908.

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

59.4228, 46.7591, 41.4908

Protanopia

45.3181, 47.2312, 50.4441

Deuteranopia

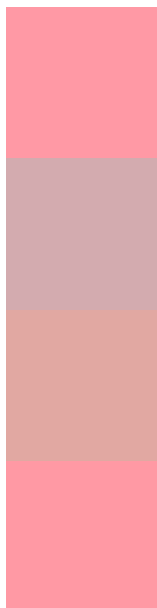
47.9708, 47.0338, 40.2683



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

59.4228, 46.7591, 41.4908

Protanomaly

49.1647, 46.0698, 46.8585

Deuteranomaly

51.5756, 46.6215, 40.4629

Tritanomaly

59.3321, 46.7228, 41.0132

Monochromacy



Original Color

59.4228, 46.7591, 41.4908

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.5578, 46.8031, 48.5414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4228, 46.7591, 41.4908 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 59.4228, 46.7591, 41.4908 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, 165) }
```


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

```
.border{ border-color:rgb(255, 153, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4228, 46.7591, 41.4908 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
153, 165) }
```

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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