

Converting Colors

XYZ(106.0748, 70.5299,
47.1041)

Have a look what the booklet for
XYZ(106.0748, 70.5299, 47.1041)
contains.

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Color

**XYZ(59.9146, 46.6950,
44.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98AC
RGB	255, 152, 172
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.4039, 0.3255
CMYK	0.00, 0.40, 0.33, 0.00
HSL	348°, 100%, 80%
HSV	348°, 40%, 100%
XYZ	59.9146, 46.6950, 44.8849
YIQ	185.0770, 54.9680, 28.0560

Conversions

Conversions Part 2

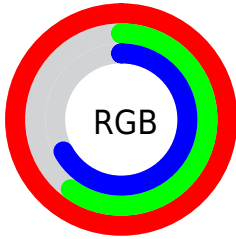
Format	Color
R _Y B	255, 152, 172
Decimal	16750764
CIE Lab	73.99, 40.81, 6.31
CIE LCh	74, 41.294, 8.796
Yxy	46.6950, 0.3955, 0.3082
Android (android.graphics.Color)	4294940844 (0xFFFF98AC)
YUV	185.0770, -6.4470, 61.3225
Hunter-Lab	68.3337, 36.9237, 8.8891

Details

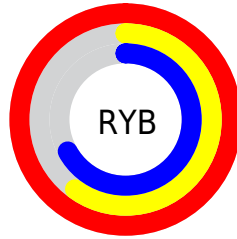
The XYZ color **59.9146, 46.6950, 44.8849** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7064, 84.1945, 91.4951**, and the grayscale version is **46.1714, 48.5759, 52.8992**.

A 20% lighter version of the original color is **77.6610, 71.9178, 82.4614**, and **30.6170, 22.0155, 20.4050** is the 20% darker color. If you saturate the color by 10%, you get **54.3885, 38.5607, 34.0471**, and if you desaturate by 10%, it is **66.6380, 56.7351, 57.6284**.

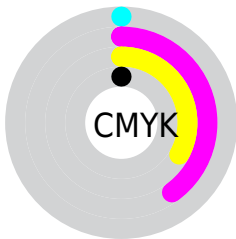
Distribution



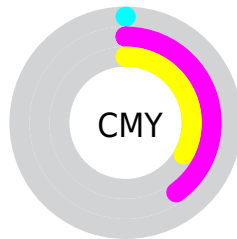
- Red (100%)
- Green (60%)
- Blue (67%)



- Red (100%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9146, 46.6950, 44.8849 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 59.9146, 46.6950, 44.8849 by changing the saturation by 10% instead.


 59.9146, 46.6950,
44.8849


 59.9146, 46.6950,
44.8849


414.1227,
373.5958, 382.4537

 43.5990, 32.7946,
31.0245


 103.8128, 85.2582,
83.8643

 30.5519, 21.9691,
20.3589


 132.1262,
110.6897, 109.8203

 20.4080, 13.8342,
12.4695


165.1695,
140.7338, 140.6453

 12.8020, 8.0055,
6.9379

203.3081,
175.7748, 176.7579

 7.3684, 4.0984,
3.3454

246.9073,
216.1971, 218.5764

 3.7419, 1.7288,
1.2736

296.3326,

 1.5572, 0.4422,

262.3851, 266.5195

0.0400

351.9493,
314.7232, 321.0058

■ 0.3643, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9146, 46.6950,
44.8849

■ 59.9146, 46.6950,
44.8849

■ 54.3885, 38.5607,
34.0471

■ 66.6380, 56.7351,
57.6284

■ 49.9844, 32.2047,
25.0195

■ 74.6205, 68.7843,
72.3613

■ 46.6243, 27.4947,
17.7022

■ 83.9241, 82.9465,
89.1655

■ 44.2180, 24.2766,
11.9841

■ 94.6053, 99.3165,
108.1174

■ 42.6592, 22.3672, 95.0500, 100.0000,
7.7404 108.9000

■ 41.8051, 21.4860,
4.9056

Harmonies

Analogous

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



58.9513, 46.6950, 66.9837



59.9146, 46.6950, 44.8849



56.3709, 46.6950, 29.4147

Triad

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



59.9146, 46.6950, 44.8849



36.0808, 46.6950, 25.3140



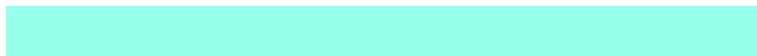
39.4505, 46.6950, 98.8539

Complementary

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



59.9146, 46.6950, 44.8849



63.7064, 84.1945, 91.4951

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.



34.2265, 46.6950, 80.7528



59.9146, 46.6950, 44.8849



32.4360, 46.6950, 37.5287

Square

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



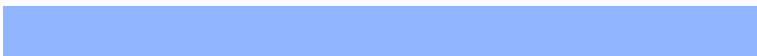
59.9146, 46.6950, 44.8849



42.2499, 46.6950, 20.3530



31.7969, 46.6950, 57.3061



46.5850, 46.6950, 102.4338

Rectangle

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



59.9146, 46.6950, 44.8849



52.1380, 46.6950, 23.4264



31.7969, 46.6950, 57.3061



37.4364, 46.6950, 94.0661

Sweetspot

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



59.9158, 46.6973, 44.8858



82.3341, 80.5189, 86.3160



63.3430, 47.2391, 100.3873



17.3524, 16.8218, 17.9892



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.



59.9158, 46.6973, 44.8858



55.6043, 40.3383, 36.4687



63.8219, 57.3549, 37.4155



18.1535, 18.0447, 19.4253



21.8847, 11.2432, 2.7775



2.1668, 1.1091, 0.4599

Inverse Universe

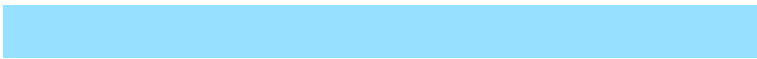
The Inverse Universe completely reimagines the original color for something new.



59.9158, 46.6973, 44.8858



55.6043, 40.3383, 36.4687



57.6832, 67.2622, 104.5504



18.1535, 18.0447, 19.4253



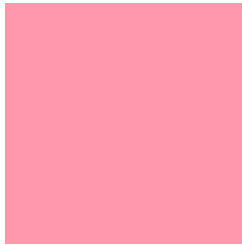
21.8847, 11.2432, 2.7775



2.1668, 1.1091, 0.4599

Previews

White Background



This preview shows how the XYZ color 59.9146, 46.6950, 44.8849 looks on a white background.

Color Contrast Check

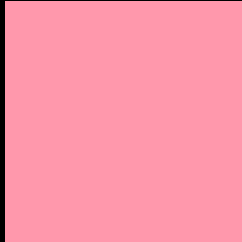
Large Text (above 18pt) WCAG AA × Fail

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 59.9146, 46.6950, 44.8849 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 59.9146, 46.6950, 44.8849

Background



This preview shows how black text looks on a background with the XYZ color 59.9146, 46.6950, 44.8849.



This preview shows how white text looks on a background with the XYZ color 59.9146, 46.6950,

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

59.9146, 46.6950, 44.8849

Protanopia

45.4763, 46.9122, 54.8022

Deuteranopia

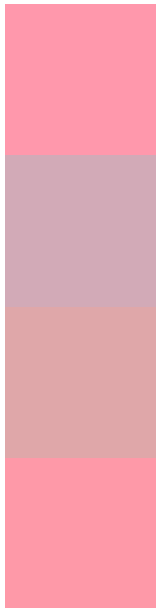
47.7701, 46.8570, 43.5723



Tritanopia

59.0558, 46.5699, 41.4736

Trichromacy



Original Color

59.9146, 46.6950, 44.8849

Protanomaly

49.5003, 45.8700, 51.0446

Deuteranomaly

51.4116, 46.1900, 43.7420

Tritanomaly

59.3322, 46.6804, 42.9289

Monochromacy



Original Color

59.9146, 46.6950, 44.8849

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.7601, 46.8841, 49.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9146, 46.6950, 44.8849 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, 152, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 172)  
}
```

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, 152, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 172) }
```

Border

The CSS property to change the border of an element to XYZ 59.9146, 46.6950, 44.8849 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, 152, 172) }
```


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

```
.border{ border-color:rgb(255, 152, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 152, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 152, 172); box-shadow:4px 4px 4px 4px rgb(255, 152, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9146, 46.6950, 44.8849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 172) }
```

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

```
.background{ background-color: rgb(255,  
152, 172) }
```

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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