

Converting Colors

XYZ(86.1491, 60.2982, 45.0804)

Have a look what the booklet for
XYZ(86.1491, 60.2982, 45.0804)
contains.

XYZ(59.7239, 46.6188, 43.8807)	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(59.7239, 46.6188,
43.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98AA
RGB	255, 152, 170
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.4039, 0.3333
CMYK	0.00, 0.40, 0.33, 0.00
HSL	350°, 100%, 80%
HSV	350°, 40%, 100%
XYZ	59.7239, 46.6188, 43.8807
YIQ	184.8490, 55.6100, 27.4340

Conversions

Conversions Part 2

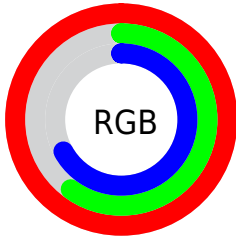
Format	Color
R_{YB}	255, 152, 170
Decimal	16750762
CIE _{Lab}	73.95, 40.56, 7.35
CIE _{LCh}	74, 41.224, 10.268
Yxy	46.6188, 0.3976, 0.3103
Android (android.graphics.Color)	4294940842 (0xFFFF98AA)
YUV	184.8490, -7.3206, 61.5224
Hunter-Lab	68.2780, 36.6506, 9.6902

Details

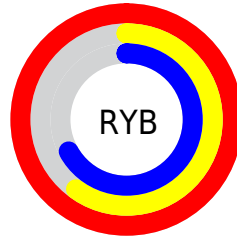
The XYZ color **59.7239, 46.6188, 43.8807** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9972, 84.3108, 93.0260**, and the grayscale version is **46.0492, 48.4473, 52.7591**.

A 20% lighter version of the original color is **77.3865, 71.8080, 81.0158**, and **30.4968, 21.9674, 19.7723** is the 20% darker color. If you saturate the color by 10%, you get **54.1872, 38.4802, 32.9868**, and if you desaturate by 10%, it is **66.4715, 56.6686, 56.7514**.

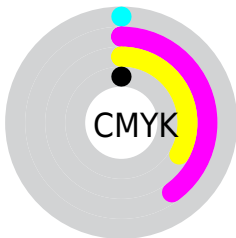
Distribution



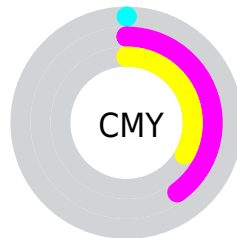
- Red (100%)
- Green (60%)
- Blue (67%)



- 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 59.7239, 46.6188, 43.8807 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 59.7239, 46.6188, 43.8807 by changing the saturation by 10% instead.


 59.7239, 46.6188,
43.8807


 59.7239, 46.6188,
43.8807


413.4304,
373.2909, 378.2483

 43.4447, 32.7344,
30.2402


 103.5377, 85.1443,
82.3388

 30.4303, 21.9231,
19.7674


 131.8030,
110.5543, 107.9934

 20.3151, 13.8004,
12.0437


164.7944,
140.5748, 138.4899

 12.7339, 7.9820,
6.6505

202.8773,
175.5904, 174.2467

 7.3213, 4.0834,
3.1694

246.4170,
215.9854, 215.6824

 3.7119, 1.7203,
1.1818

295.7788,

 1.5405, 0.4368,

262.1442, 263.2156

0.0000

351.3282,
314.4512, 317.2647

■ 0.3531, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7239, 46.6188,
43.8807

■ 59.7239, 46.6188,
43.8807

■ 54.1872, 38.4802,
32.9868

■ 66.4715, 56.6686,
56.7514

■ 49.7848, 32.1249,
23.9682

■ 74.4927, 68.7333,
71.6881

■ 46.4374, 27.4199,
16.7181

■ 83.8505, 82.9172,
88.7777

■ 44.0534, 24.2108,
11.1177

■ 94.6024, 99.3154,
108.1013

■ 42.5248, 22.3134,
7.0328

95.0500, 100.0000,
108.9000

■ 41.7050, 21.4460,
4.3789

Harmonies

Analogous

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



58.9904, 46.6188, 65.6902



59.7239, 46.6188, 43.8807



55.9935, 46.6188, 28.8332

Triad

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



59.7239, 46.6188, 43.8807



35.7872, 46.6188, 25.7138



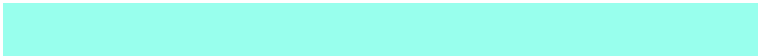
39.7069, 46.6188, 99.1928

Complementary

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



59.7239, 46.6188, 43.8807



63.9972, 84.3108, 93.0260

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.



34.3761, 46.6188, 81.6782



59.7239, 46.6188, 43.8807



32.2924, 46.6188, 38.2829

Square

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



59.7239, 46.6188, 43.8807



41.8377, 46.6188, 20.4384



31.8060, 46.6188, 58.3230



46.8774, 46.6188, 101.9193

Rectangle

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



59.7239, 46.6188, 43.8807



51.6959, 46.6188, 23.0984



31.8060, 46.6188, 58.3230



37.6630, 46.6188, 94.6497

Sweetspot

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



59.7252, 46.6211, 43.8816



82.2506, 80.4855, 85.8763



63.9106, 47.5318, 100.4138



17.3329, 16.8140, 17.8864



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.



59.7252, 46.6211, 43.8816



55.4043, 40.2583, 35.4156



64.1779, 58.0670, 37.5343



18.1389, 18.0389, 19.3485



21.8291, 11.2209, 2.4847



2.1593, 1.1061, 0.4205

Inverse Universe

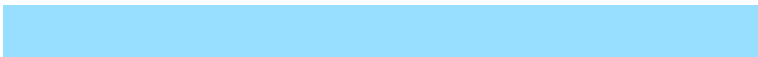
The Inverse Universe completely reimagines the original color for something new.



59.7252, 46.6211, 43.8816



55.4043, 40.2583, 35.4156



57.2240, 66.3437, 104.3973



18.1389, 18.0389, 19.3485



21.8291, 11.2209, 2.4847



2.1593, 1.1061, 0.4205

Previews

White Background



This preview shows how the XYZ color 59.7239, 46.6188, 43.8807 looks on a white background.

Color Contrast Check

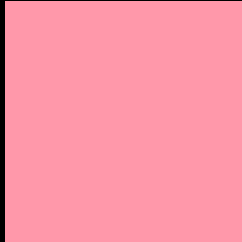
Large Text (above 18pt) WCAG AA × Fail

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 59.7239, 46.6188, 43.8807 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 59.7239, 46.6188, 43.8807

Background



This preview shows how black text looks on a background with the XYZ color 59.7239, 46.6188, 43.8807.



This preview shows how white text looks on a background with the XYZ color 59.7239, 46.6188,

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

59.7239, 46.6188, 43.8807

Protanopia

45.1540, 46.7833, 53.1046

Deuteranopia

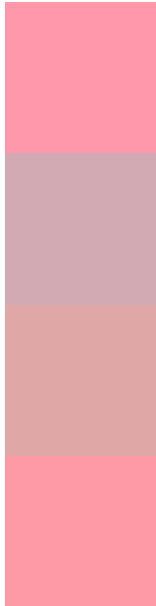
47.8619, 46.9257, 42.6114



Tritanopia

58.9651, 46.5336, 40.9960

Trichromacy



Original Color

59.7239, 46.6188, 43.8807

Protanomaly

49.1913, 45.7464, 49.4173

Deuteranomaly

51.5342, 46.2747, 42.7750

Tritanomaly

59.1472, 46.6065, 41.9549

Monochromacy



Original Color

59.7239, 46.6188, 43.8807

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 59.7239, 46.6188, 43.8807 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 170) }
```

Border

The CSS property to change the border of an element to XYZ 59.7239, 46.6188, 43.8807 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, 170) }
```


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

```
.border{ border-color:rgb(255, 152, 170) }
```

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, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7239, 46.6188, 43.8807 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
152, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor