

Converting Colors

XYZ(94.1579, 64.0271, 52.3957)

Have a look what the booklet for
XYZ(94.1579, 64.0271, 52.3957)
contains.

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Color

**XYZ(60.8539, 46.8121,
50.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97B7
RGB	255, 151, 183
RGB Percent	100%, 59%, 72%
CMY	0.0000, 0.4078, 0.2823
CMYK	0.00, 0.41, 0.28, 0.00
HSL	342°, 100%, 80%
HSV	342°, 41%, 100%
XYZ	60.8539, 46.8121, 50.6280
YIQ	185.7440, 51.7120, 32.0000

Conversions

Conversions Part 2

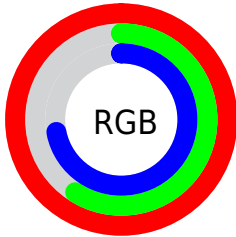
Format	Color
R _Y B	255, 151, 183
Decimal	16750519
CIE Lab	74.07, 42.71, 0.35
CIE LCh	74, 42.714, 0.468
Yxy	46.8121, 0.3844, 0.2957
Android (android.graphics.Color)	4294940599 (0xFFFF97B7)
YUV	185.7440, -1.3528, 60.7375
Hunter-Lab	68.4194, 39.0285, 4.0210

Details

The XYZ color **60.8539, 46.8121, 50.6280** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8438, 83.4280, 82.6597**, and the grayscale version is **46.5171, 48.9396, 53.2953**.

A 20% lighter version of the original color is **79.1328, 72.1176, 91.4107**, and **31.1619, 22.0828, 23.7391** is the 20% darker color. If you saturate the color by 10%, you get **55.4610, 38.7851, 40.3259**, and if you desaturate by 10%, it is **67.3670, 56.7106, 62.4418**.

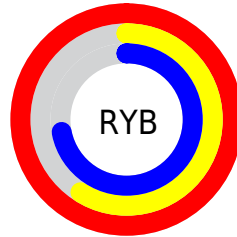
Distribution



Red (100%)

Green (59%)

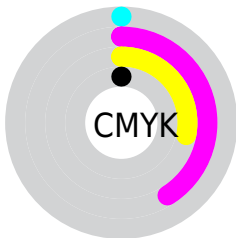
Blue (72%)



Red (100%)

Yellow (59%)

Blue (72%)

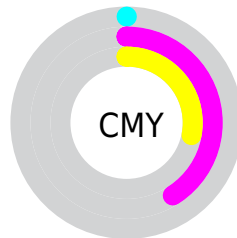


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8539, 46.8121, 50.6280 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 60.8539, 46.8121, 50.6280 by changing the saturation by 10% instead.


 60.8539, 46.8121,
50.6280


 60.8539, 46.8121,
50.6280


417.5226,
374.0640, 405.9220

 44.3594, 32.8871,
35.5380


 105.1667, 85.4331,
92.5105

 31.1522, 22.0400,
23.7907


 133.7156,
110.8979, 120.1401

 20.8672, 13.8863,
14.9677


167.0134,
140.9781, 152.7866

 13.1389, 8.0416,
8.6503

205.4254,
176.0581, 190.8686

 7.6019, 4.1216,
4.4201

249.3170,
216.5223, 234.8045

 3.8909, 1.7418,
1.8585

299.0535,

 1.6406, 0.4505,

262.7551, 285.0131

0.4662

355.0002,
315.1409, 341.9127

■ 0.4187, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8539, 46.8121,
50.6280

■ 60.8539, 46.8121,
50.6280

■ 55.4610, 38.7851,
40.3259

■ 67.3670, 56.7106,
62.4418

■ 51.1187, 32.5040,
31.4687

■ 75.0576, 68.5824,
75.8246

■ 47.7545, 27.8382,
23.9884

■ 83.9831, 82.5298,
90.8338

■ 45.2845, 24.6356,
17.8094

■ 94.1959, 98.6461,
107.5230

■ 43.6097, 22.7144,
12.8474

95.0500, 100.0000,
108.9000

■ 42.6314, 21.8166,
9.2572

Harmonies

Analogous

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



58.5336, 46.8121, 74.6401



60.8539, 46.8121, 50.6280



58.3899, 46.8121, 32.4802

Triad

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



60.8539, 46.8121, 50.6280



37.4547, 46.8121, 22.6339



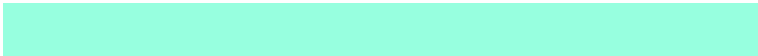
37.6400, 46.8121, 97.0220

Complementary

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



60.8539, 46.8121, 50.6280



61.8438, 83.4280, 82.6597

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.



32.9979, 46.8121, 75.4093



60.8539, 46.8121, 50.6280



32.8998, 46.8121, 32.9224

Square

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



60.8539, 46.8121, 50.6280



44.3738, 46.8121, 19.4198



31.3645, 46.8121, 51.3144



44.6134, 46.8121, 105.6571

Rectangle

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



60.8539, 46.8121, 50.6280



54.5113, 46.8121, 24.9265



31.3645, 46.8121, 51.3144



35.7850, 46.8121, 90.7777

Sweetspot

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



60.8550, 46.8143, 50.6289



82.8279, 80.7164, 88.9164



59.2629, 44.8958, 100.1500



17.4680, 16.8681, 18.5976



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.



60.8550, 46.8143, 50.6289



56.3431, 40.0841, 42.0539



61.2147, 52.2710, 36.1439



18.2395, 18.0791, 19.8782



22.3340, 11.4229, 5.1436



2.2210, 1.1308, 0.7451

Inverse Universe

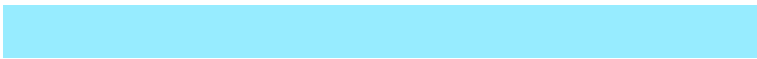
The Inverse Universe completely reimagines the original color for something new.



60.8550, 46.8143, 50.6289



56.3431, 40.0841, 42.0539



60.7903, 73.7532, 105.6395



18.2395, 18.0791, 19.8782



22.3340, 11.4229, 5.1436



2.2210, 1.1308, 0.7451

Previews

White Background



This preview shows how the XYZ color 60.8539, 46.8121, 50.6280 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 60.8539, 46.8121, 50.6280 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 60.8539, 46.8121, 50.6280

Background



This preview shows how black text looks on a background with the XYZ color 60.8539, 46.8121, 50.6280.



This preview shows how white text looks on a background with the XYZ color 60.8539, 46.8121,

50.6280.

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

60.8539, 46.8121, 50.6280

Protanopia

45.8889, 46.9681, 61.9055

Deuteranopia

48.2159, 47.2555, 49.2278



Tritanopia

58.9465, 46.7470, 41.9926

Trichromacy



Original Color

60.8539, 46.8121, 50.6280



Protanomaly

49.8445, 45.9099, 57.2733



Deuteranomaly

52.0596, 46.6727, 49.4449



Tritanomaly

59.7107, 46.8319, 44.9221

Monochromacy



Original Color

60.8539, 46.8121, 50.6280



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.5645, 47.2388, 52.3519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8539, 46.8121, 50.6280 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 183) }
```

Border

The CSS property to change the border of an element to XYZ 60.8539, 46.8121, 50.6280 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, 183) }
```


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

```
.border{ border-color:rgb(255, 151, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8539, 46.8121, 50.6280 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
151, 183) }
```

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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