

Converting Colors

XYZ(82.8000, 58.1478, 50.0607)

Have a look what the booklet for
XYZ(82.8000, 58.1478, 50.0607)
contains.

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Color

**XYZ(60.5448, 46.6885,
49.0007)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97B4
RGB	255, 151, 180
RGB Percent	100%, 59%, 71%
CMY	0.0000, 0.4078, 0.2941
CMYK	0.00, 0.41, 0.29, 0.00
HSL	343°, 100%, 80%
HSV	343°, 41%, 100%
XYZ	60.5448, 46.6885, 49.0007
YIQ	185.4020, 52.6750, 31.0670

Conversions

Conversions Part 2

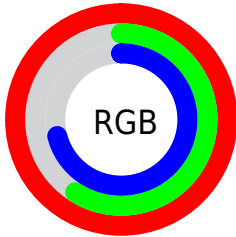
Format	Color
R_{YB}	255, 151, 180
Decimal	16750516
CIE _{Lab}	73.99, 42.32, 1.89
CIE _{LCh}	74, 42.366, 2.557
Yxy	46.6885, 0.3875, 0.2988
Android (android.graphics.Color)	4294940596 (0xFFFF97B4)
YUV	185.4020, -2.6632, 61.0374
Hunter-Lab	68.3290, 38.5892, 5.3117

Details

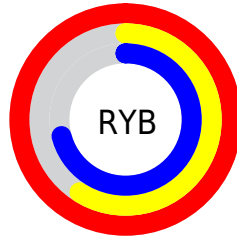
The XYZ color **60.5448, 46.6885, 49.0007** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.2520, 83.5913, 84.8094**, and the grayscale version is **46.3330, 48.7459, 53.0843**.

A 20% lighter version of the original color is **78.6931, 71.9418, 89.0955**, and **30.9634, 22.0034, 22.6938** is the 20% darker color. If you saturate the color by 10%, you get **55.1250, 38.6507, 38.5561**, and if you desaturate by 10%, it is **67.1032, 56.6051, 61.0522**.

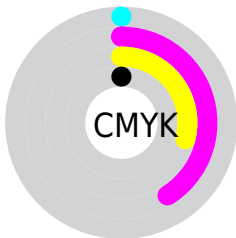
Distribution



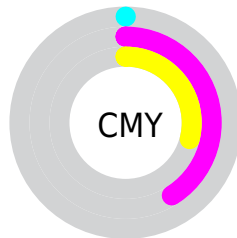
- Red (100%)
- Green (59%)
- Blue (71%)



- Red (100%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5448, 46.6885, 49.0007 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 60.5448, 46.6885, 49.0007 by changing the saturation by 10% instead.

 60.5448, 46.6885,
49.0007


 60.5448, 46.6885,
49.0007


416.4056,
373.5698, 399.3676

 44.1090, 32.7895,
34.2544


 104.7214, 85.2485,
90.0735

 30.9545, 21.9652,
22.8102


 133.1930,
110.6782, 117.2371

 20.7159, 13.8313,
14.2494


166.4072,
140.7203, 149.3769

 13.0278, 8.0035,
8.1536

204.7295,
175.7591, 186.9114

 7.5248, 4.0972,
4.1042

248.5251,
216.1791, 230.2592

 3.8416, 1.7281,
1.6827

298.1594,

 1.6129, 0.4417,

262.3646, 279.8388

0.3488

353.9978,
314.7000, 336.0688

■ 0.4008, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5448, 46.6885,
49.0007

■ 60.5448, 46.6885,
49.0007

■ 55.1250, 38.6507,
38.5561

■ 67.1032, 56.6051,
61.0522

■ 50.7724, 32.3655,
29.6453

■ 74.8581, 68.5027,
74.7738

■ 47.4136, 27.7018,
22.1931

■ 83.8682, 82.4839,
90.2284

■ 44.9630, 24.5070,
16.1163

■ 94.1868, 98.6426,
107.4748

■ 43.3200, 22.5985, 95.0500, 100.0000,
11.3219 108.9000

■ 42.3804, 21.7162,
7.9353

Harmonies

Analogous

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



58.5716, 46.6885, 72.5444



60.5448, 46.6885, 49.0007



57.7946, 46.6885, 31.5578

Triad

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



60.5448, 46.6885, 49.0007



37.0021, 46.6885, 23.1948



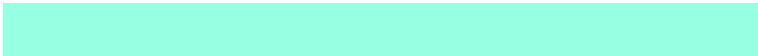
38.0064, 46.6885, 97.4720

Complementary

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



60.5448, 46.6885, 49.0007



62.2520, 83.5913, 84.8094

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.



33.2140, 46.6885, 76.6997



60.5448, 46.6885, 49.0007



32.6821, 46.6885, 33.9576

Square

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



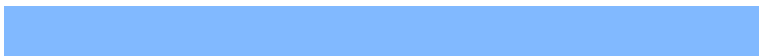
60.5448, 46.6885, 49.0007



43.7305, 46.6885, 19.5505



31.3772, 46.6885, 52.7162



45.0278, 46.6885, 104.8178

Rectangle

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



60.5448, 46.6885, 49.0007



53.8164, 46.6885, 24.4228



31.3772, 46.6885, 52.7162



36.1097, 46.6885, 91.5846

Sweetspot

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



60.5460, 46.6907, 49.0016



82.7015, 80.6659, 88.2507



60.3362, 45.4491, 100.2002



17.4384, 16.8562, 18.4417



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.



60.5460, 46.6907, 49.0016



56.0105, 39.9511, 40.3027



61.8735, 53.5887, 36.3636



18.2175, 18.0703, 19.7624



22.1988, 11.3688, 4.4315



2.2055, 1.1246, 0.6634

Inverse Universe

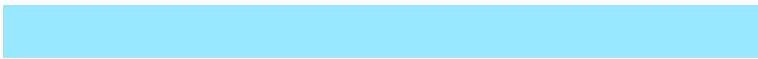
The Inverse Universe completely reimagines the original color for something new.



60.5460, 46.6907, 49.0016



56.0105, 39.9511, 40.3027



59.8023, 71.7771, 105.3102



18.2175, 18.0703, 19.7624



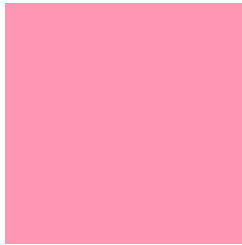
22.1988, 11.3688, 4.4315



2.2055, 1.1246, 0.6634

Previews

White Background



This preview shows how the XYZ color 60.5448, 46.6885, 49.0007 looks on a white background.

Color Contrast Check

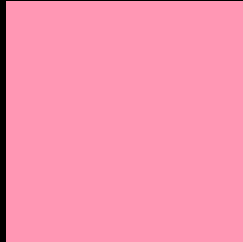
Large Text (above 18pt) WCAG AA × Fail

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 60.5448, 46.6885, 49.0007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

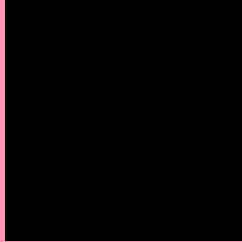
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5448, 46.6885, 49.0007

Background



This preview shows how black text looks on a background with the XYZ color 60.5448, 46.6885, 49.0007.



This preview shows how white text looks on a background with the XYZ color 60.5448, 46.6885,

49.0007.

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

60.5448, 46.6885, 49.0007

Protanopia

45.7730, 46.9487, 60.0756

Deuteranopia

47.7189, 46.7418, 47.5813



Tritanopia

59.2202, 46.8986, 41.5284

Trichromacy



Original Color

60.5448, 46.6885, 49.0007



Protanomaly

49.7911, 45.9209, 55.5296



Deuteranomaly

51.5733, 46.1839, 47.7911



Tritanomaly

59.5200, 46.7556, 43.9179

Monochromacy



Original Color

60.5448, 46.6885, 49.0007



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.0692, 47.0077, 51.2342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5448, 46.6885, 49.0007 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 180) }
```

Border

The CSS property to change the border of an element to XYZ 60.5448, 46.6885, 49.0007 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, 180) }
```


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

```
.border{ border-color:rgb(255, 151, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5448, 46.6885, 49.0007 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
151, 180) }
```

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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