

Converting Colors

XYZ(58.1338, 46.0226, 48.8004)

Have a look what the booklet for
XYZ(58.1338, 46.0226, 48.8004)
contains.

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Color

**XYZ(57.9872, 45.8519,
48.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	F799B4
RGB	247, 153, 180
RGB Percent	97%, 60%, 71%
CMY	0.0314, 0.4000, 0.2941
CMYK	0.00, 0.38, 0.27, 0.03
HSL	343°, 85%, 78%
HSV	343°, 38%, 97%
XYZ	57.9872, 45.8519, 48.9741
YIQ	184.1840, 47.3570, 28.3250

Conversions

Conversions Part 2

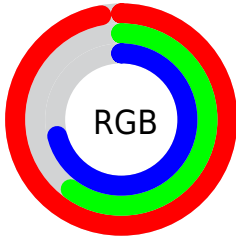
Format	Color
R_{YB}	247, 153, 180
Decimal	16226740
CIE _{Lab}	73.45, 38.51, 0.99
CIE _{LCh}	73, 38.522, 1.466
Yxy	45.8519, 0.3795, 0.3001
Android (android.graphics.Color)	4294416820 (0xFFFF799B4)
YUV	184.1840, -2.0627, 55.0896
Hunter-Lab	67.7140, 34.3597, 4.5184

Details

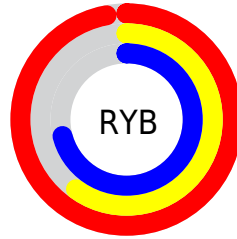
The XYZ color **57.9872, 45.8519, 48.9741** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.3179, 78.4622, 79.7324**, and the grayscale version is **45.6555, 48.0332, 52.3081**.

A 20% lighter version of the original color is **78.9362, 72.4279, 89.1765**, and **29.3742, 21.4655, 22.6737** is the 20% darker color. If you saturate the color by 10%, you get **52.6738, 37.9153, 38.9089**, and if you desaturate by 10%, it is **64.3677, 55.5574, 60.5201**.

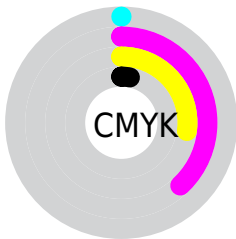
Distribution



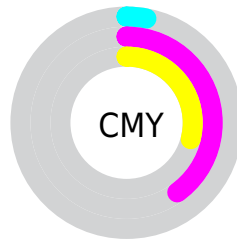
- Red (97%)
- Green (60%)
- Blue (71%)



- Red (97%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9872, 45.8519, 48.9741 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 57.9872, 45.8519, 48.9741 by changing the saturation by 10% instead.


 57.9872, 45.8519,
48.9741


 57.9872, 45.8519,
48.9741


407.0929,
370.2129, 399.2599

 42.0416, 32.1290,
34.2335


 101.0273, 83.9973,
90.0336

 29.3251, 21.4600,
22.7942


 128.8525,
109.1886, 117.1895

 19.4724, 13.4607,
14.2378


161.3682,
138.9714, 149.3210

 12.1181, 7.7465,
8.1456

198.9399,
173.7302, 186.8465

 6.8970, 3.9332,
4.0991

241.9328,
213.8494, 230.1846

 3.4435, 1.6363,
1.6799

290.7124,

 1.3924, 0.3819,

259.7133, 279.7538

0.3469

345.6440,
311.7063, 335.9727

■ 0.2508, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9872, 45.8519,
48.9741

■ 57.9872, 45.8519,
48.9741

■ 52.6738, 37.9153,
38.9089

■ 64.3677, 55.5574,
60.5201

■ 48.3632, 31.6336,
30.2595

■ 71.8671, 67.1236,
73.6023

■ 44.9897, 26.8897,
22.9600

■ 80.5383, 80.6436,
88.2769

■ 42.4781, 23.5484,
16.9376

■ 90.4298, 96.2024,
104.5960

■ 40.7402, 21.4501,
12.1113

■ 92.1679, 98.5142,
108.7651

■ 39.6583, 20.3779,
8.3860

■ 39.4932, 20.2283,
7.7737

Harmonies

Analogous

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



56.0938, 45.8519, 70.0128



57.9872, 45.8519, 48.9741



55.6994, 45.8519, 32.8322

Triad

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



57.9872, 45.8519, 48.9741



37.1116, 45.8519, 24.3307



37.6340, 45.8519, 90.5317

Complementary

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



57.9872, 45.8519, 48.9741



59.3179, 78.4622, 79.7324

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.



33.3614, 45.8519, 72.1099



57.9872, 45.8519, 48.9741



33.0826, 45.8519, 34.1017

Square

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



57.9872, 45.8519, 48.9741



43.2476, 45.8519, 21.0873



31.7831, 45.8519, 50.8880



43.9158, 45.8519, 97.4397

Rectangle

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



57.9872, 45.8519, 48.9741



52.2359, 45.8519, 26.0061



31.7831, 45.8519, 50.8880



35.9389, 45.8519, 85.2796

Sweetspot

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



57.9885, 45.8541, 48.9750



83.6917, 82.1693, 90.0509



57.3347, 44.5294, 93.5690



17.6374, 17.1567, 18.8092



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.



57.9885, 45.8541, 48.9750



57.6732, 42.3061, 43.8485



58.8236, 51.5053, 36.9809



16.6948, 16.5608, 18.1395



20.9394, 10.7192, 4.3895



1.8829, 0.9591, 0.6098

Inverse Universe

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



57.9885, 45.8541, 48.9750



57.6732, 42.3061, 43.8485



57.7255, 69.0861, 98.2884



16.6948, 16.5608, 18.1395



20.9394, 10.7192, 4.3895



1.8829, 0.9591, 0.6098

Previews

White Background



This preview shows how the XYZ color 57.9872, 45.8519, 48.9741 looks on a white background.

Color Contrast Check

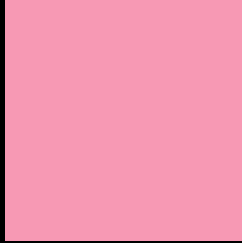
Large Text (above 18pt) WCAG AA × Fail

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 57.9872, 45.8519, 48.9741 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 57.9872, 45.8519, 48.9741

Background



This preview shows how black text looks on a background with the XYZ color 57.9872, 45.8519, 48.9741.



This preview shows how white text looks on a background with the XYZ color 57.9872, 45.8519,

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

57.9872, 45.8519, 48.9741

Protanopia

45.1075, 46.3313, 58.7900

Deuteranopia

46.9859, 46.0739, 47.4910



Tritanopia

56.7024, 45.8255, 42.4159

Trichromacy



Original Color

57.9872, 45.8519, 48.9741



Protanomaly

48.5708, 45.3045, 54.8999



Deuteranomaly

50.3698, 45.5635, 47.7348



Tritanomaly

57.0080, 45.6826, 44.8427

Monochromacy



Original Color

57.9872, 45.8519, 48.9741



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.2229, 46.5714, 51.1946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9872, 45.8519, 48.9741 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(247, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 153, 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(247, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 153, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.9872, 45.8519, 48.9741 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(247, 153, 180) }
```


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

```
.border{ border-color:rgb(247, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 153, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 153, 180); box-shadow:4px 4px 4px 4px rgb(247, 153, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9872, 45.8519, 48.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 153, 180) }
```

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

```
.background{ background-color: rgb(247,  
153, 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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