

Converting Colors

XYZ(57.6483, 41.9046, 44.9243)

Have a look what the booklet for
XYZ(57.6483, 41.9046, 44.9243)
contains.

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Color

**XYZ(57.6841, 41.9243,
45.0963)**

Conversions

Conversions Part 1

Format	Color
Hex	FF88AE
RGB	255, 136, 174
RGB Percent	100%, 53%, 68%
CMY	0.0000, 0.4666, 0.3176
CMYK	0.00, 0.47, 0.32, 0.00
HSL	341°, 100%, 77%
HSV	341°, 47%, 100%
XYZ	57.6841, 41.9243, 45.0963
YIQ	175.9130, 58.7260, 37.0460

Conversions

Conversions Part 2

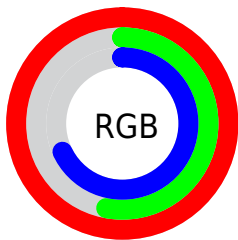
Format	Color
RYB	255, 136, 174
Decimal	16746670
CIELab	70.82, 49.11, 0.61
CIELCh	71, 49.112, 0.707
Yxy	41.9243, 0.3986, 0.2897
Android (android.graphics.Color)	4294936750 (0xFFFF88AE)
YUV	175.9130, -0.9431, 69.3593
Hunter-Lab	64.7490, 45.7128, 4.0300

Details

The XYZ color **57.6841, 41.9243, 45.0963** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4397, 81.7649, 78.3521**, and the grayscale version is **41.2061, 43.3520, 47.2103**.

A 20% lighter version of the original color is **74.2325, 64.6164, 82.6885**, and **29.0358, 19.0418, 20.5574** is the 20% darker color. If you saturate the color by 10%, you get **52.9262, 34.9438, 35.6940**, and if you desaturate by 10%, it is **63.5172, 50.7048, 55.9368**.

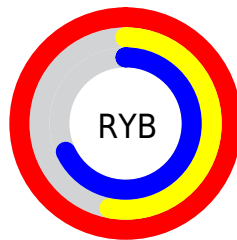
Distribution



Red (100%)

Green (53%)

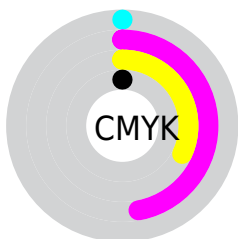
Blue (68%)



Red (100%)

Yellow (53%)

Blue (68%)

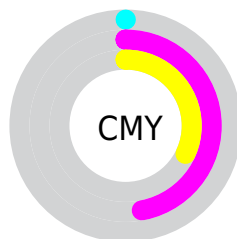


Cyan (0%)

Magenta (47%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (47%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6841, 41.9243, 45.0963 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 57.6841, 41.9243, 45.0963 by changing the saturation by 10% instead.


 57.6841, 41.9243,
45.0963


 57.6841, 41.9243,
45.0963


405.9807,
354.1690, 383.3349


 41.7970, 29.0420,
31.1898


 100.5883, 78.0850,
84.1849

 29.1328, 19.1126,
20.4837


 128.3361,
102.1323, 110.2040

 19.3261, 11.7517,
12.5596

 160.7683,
130.6700, 141.0978

 12.0115, 6.5748,
6.9989

198.2500,
164.0825, 177.2847

 6.8238, 3.1977,
3.3829

241.1468,
202.7543, 219.1834

 3.3975, 1.2358,
1.2933

289.8239,

 1.3673, 0.0906,

247.0697, 267.2123

0.0563

344.6467,
297.4132, 321.7899

■ 0.2327, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6841, 41.9243,
45.0963

■ 57.6841, 41.9243,
45.0963

■ 52.9262, 34.9438,
35.6940

■ 63.5172, 50.7048,
55.9368

■ 49.1701, 29.6306,
27.6631

■ 70.4854, 61.3931,
68.2731

■ 46.3385, 25.8437,
20.9346

■ 78.6482, 74.0961,
82.1622

■ 44.3399, 23.4155,
15.4314

■ 88.0598, 88.9105,
97.6574

■ 43.0613, 22.1362, 95.0500, 100.0000,
11.0652 108.9000

■ 42.7410, 21.8604,
9.8342

Harmonies

Analogous

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



55.1563, 41.9243, 71.3503



57.6841, 41.9243, 45.0963



54.9162, 41.9243, 26.3337

Triad

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



57.6841, 41.9243, 45.0963



32.3613, 41.9243, 16.8898



32.6540, 41.9243, 97.1168

Complementary

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



57.6841, 41.9243, 45.0963



58.4397, 81.7649, 78.3521

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.



27.8236, 41.9243, 72.6514



57.6841, 41.9243, 45.0963



27.6715, 41.9243, 27.0048

Square

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



57.6841, 41.9243, 45.0963



39.6545, 41.9243, 13.8482



26.1288, 41.9243, 46.2051



40.0417, 41.9243, 106.9281

Rectangle

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



57.6841, 41.9243, 45.0963



50.6319, 41.9243, 18.9575



26.1288, 41.9243, 46.2051



30.7152, 41.9243, 89.9987

Sweetspot

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



57.6852, 41.9264, 45.0971



81.0311, 77.8322, 86.1308



54.9782, 39.3283, 99.3012



16.9294, 16.0091, 17.7456



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.



57.6852, 41.9264, 45.0971



53.2102, 35.3541, 36.2749



57.5460, 46.7608, 29.2880



18.2483, 18.0827, 19.9250



22.3928, 11.4464, 5.4532



2.2276, 1.1334, 0.7799

Inverse Universe

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



57.6852, 41.9264, 45.0971



53.2102, 35.3541, 36.2749



57.9609, 71.9677, 105.4440



18.2483, 18.0827, 19.9250



22.3928, 11.4464, 5.4532



2.2276, 1.1334, 0.7799

Previews

White Background



This preview shows how the XYZ color 57.6841, 41.9243, 45.0963 looks on a white background.

Color Contrast Check

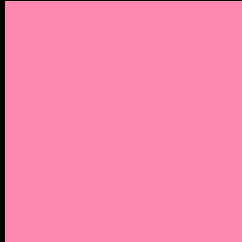
Large Text (above 18pt) WCAG AA × Fail

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 57.6841, 41.9243, 45.0963 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 57.6841, 41.9243, 45.0963

Background



This preview shows how black text looks on a background with the XYZ color 57.6841, 41.9243, 45.0963.



This preview shows how white text looks on a background with the XYZ color 57.6841, 41.9243,

45.0963.

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

57.6841, 41.9243, 45.0963

Protanopia

41.2939, 42.0366, 58.1620

Deuteranopia

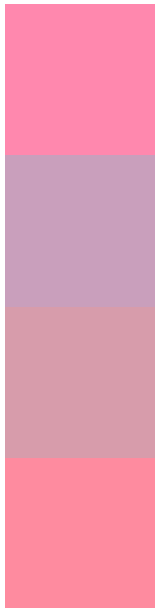
42.9023, 42.0763, 43.3965



Tritanopia

55.3911, 41.8408, 34.0108

Trichromacy



Original Color

57.6841, 41.9243, 45.0963

Protanomaly

45.5626, 40.8446, 53.0593

Deuteranomaly

47.2635, 41.1643, 43.9825

Tritanomaly

56.3637, 42.0393, 37.9446

Monochromacy



Original Color

57.6841, 41.9243, 45.0963

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

45.6596, 41.5640, 46.1736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6841, 41.9243, 45.0963 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, 136, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 174)  
}
```

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, 136, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 174) }
```

Border

The CSS property to change the border of an element to XYZ 57.6841, 41.9243, 45.0963 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, 136, 174) }
```


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

```
.border{ border-color:rgb(255, 136, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6841, 41.9243, 45.0963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 174) }
```

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

```
.background{ background-color: rgb(255,  
136, 174) }
```

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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