

Converting Colors

XYZ(57.4598, 41.0805, 46.2394)

Have a look what the booklet for
XYZ(57.4598, 41.0805, 46.2394)
contains.

XYZ(57.5633, 41.2094, 46.5153)	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(57.5633, 41.2094,
46.5153)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85B1
RGB	255, 133, 177
RGB Percent	100%, 52%, 69%
CMY	0.0000, 0.4784, 0.3059
CMYK	0.00, 0.48, 0.31, 0.00
HSL	338°, 100%, 76%
HSV	338°, 48%, 100%
XYZ	57.5633, 41.2094, 46.5153
YIQ	174.4940, 58.5880, 39.5480

Conversions

Conversions Part 2

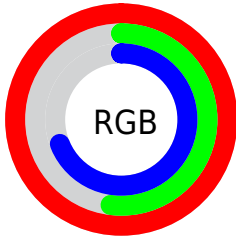
Format	Color
R_{YB}	255, 133, 177
Decimal	16745905
CIE _{Lab}	70.32, 50.95, -1.80
CIE _{LCh}	70, 50.984, 357.980
Yxy	41.2094, 0.3962, 0.2836
Android (android.graphics.Color)	4294935985 (0xFFFF85B1)
YUV	174.4940, 1.2355, 70.6038
Hunter-Lab	64.1945, 47.7206, 1.9747

Details

The XYZ color **57.5633, 41.2094, 46.5153** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.1927, 81.2106, 74.2931**, and the grayscale version is **40.4602, 42.5673, 46.3558**.

A 20% lighter version of the original color is **74.1456, 63.5384, 85.4470**, and **29.0033, 18.6747, 21.4780** is the 20% darker color. If you saturate the color by 10%, you get **52.9571, 34.4440, 37.4354**, and if you desaturate by 10%, it is **63.2133, 49.7511, 56.9019**.

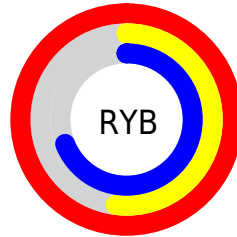
Distribution



Red (100%)

Green (52%)

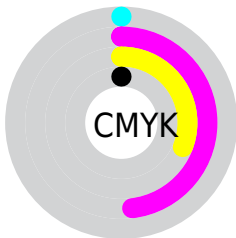
Blue (69%)



Red (100%)

Yellow (52%)

Blue (69%)

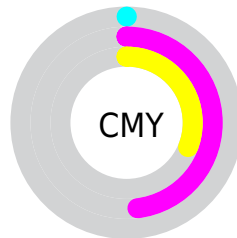


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (48%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5633, 41.2094, 46.5153 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 57.5633, 41.2094, 46.5153 by changing the saturation by 10% instead.


 57.5633, 41.2094,
46.5153


 57.5633, 41.2094,
46.5153


405.5369,
351.1950, 389.2141


 41.6996, 28.4827,
32.3010


 100.4133, 77.0017,
86.3321

 29.0562, 18.6899,
21.3248

 128.1302,
100.8361, 112.7716

 19.2678, 11.4464,
13.1681


 160.5290,
129.1418, 144.1234

 11.9691, 6.3679,
7.4123

197.9748,
162.3034, 180.8059

 6.7947, 3.0701,
3.6389

240.8332,
200.7051, 223.2377

 3.3792, 1.1684,
1.4294

289.4694,

 1.3573, 0.0357,

244.7313, 271.8373

0.1645

344.2489,
294.7665, 327.0232

■ 0.2255, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5633, 41.2094,
46.5153

■ 57.5633, 41.2094,
46.5153

■ 52.9571, 34.4440,
37.4354

■ 63.2133, 49.7511,
56.9019

■ 49.3220, 29.3214,
29.6033

■ 69.9662, 60.1777,
68.6456

■ 46.5810, 25.6986,
22.9579

■ 77.8807, 72.5965,
81.7968

■ 44.6428, 23.4054,
17.4312

■ 87.0101, 87.1048,
96.4025

■ 43.3873, 22.2145,
12.9424

95.0500, 100.0000,
108.9000

■ 43.1700, 22.0320,
12.0932

Harmonies

Analogous

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



54.4671, 41.2094, 74.0291



57.5633, 41.2094, 46.5153



55.1773, 41.2094, 26.5268

Triad

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



57.5633, 41.2094, 46.5153



32.0896, 41.2094, 15.2249



31.2365, 41.2094, 96.4212

Complementary

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



57.5633, 41.2094, 46.5153



57.1927, 81.2106, 74.2931

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.



26.6005, 41.2094, 70.1670



57.5633, 41.2094, 46.5153



27.0415, 41.2094, 24.5925

Square

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



57.5633, 41.2094, 46.5153



39.7386, 41.2094, 12.7629



25.1802, 41.2094, 43.2640



38.6034, 41.2094, 108.5301

Rectangle

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



57.5633, 41.2094, 46.5153



50.9650, 41.2094, 18.5916



25.1802, 41.2094, 43.2640



29.3488, 41.2094, 88.5846

Sweetspot

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



57.5644, 41.2114, 46.5161



81.2401, 77.9158, 87.2312



53.0937, 37.7383, 99.0936



16.9800, 16.0293, 18.0118



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.



57.5644, 41.2114, 46.5161



53.3058, 34.9475, 38.1496



56.2649, 44.5351, 27.8236



18.2800, 18.0953, 20.0918



22.6220, 11.5381, 6.6600



2.2527, 1.1434, 0.9121

Inverse Universe

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



57.5644, 41.2114, 46.5161



53.3058, 34.9475, 38.1496



58.5128, 73.7847, 105.7657



18.2800, 18.0953, 20.0918



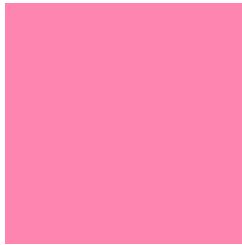
22.6220, 11.5381, 6.6600



2.2527, 1.1434, 0.9121

Previews

White Background



This preview shows how the XYZ color 57.5633, 41.2094, 46.5153 looks on a white background.

Color Contrast Check

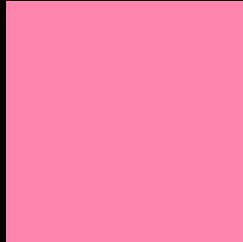
Large Text (above 18pt) WCAG AA × Fail

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 57.5633, 41.2094, 46.5153 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 57.5633, 41.2094, 46.5153

Background



This preview shows how black text looks on a background with the XYZ color 57.5633, 41.2094, 46.5153.



This preview shows how white text looks on a background with the XYZ color 57.5633, 41.2094,

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

57.5633, 41.2094, 46.5153

Protanopia

40.9246, 41.5114, 60.4991

Deuteranopia

42.1557, 41.3965, 44.2966



Tritanopia

54.5787, 41.0105, 33.0562

Trichromacy



Original Color

57.5633, 41.2094, 46.5153



Protanomaly

45.1246, 40.0618, 55.2236



Deuteranomaly

46.7047, 40.6060, 44.9113



Tritanomaly

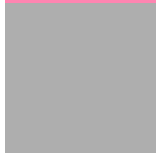
55.5702, 40.9942, 37.7847

Monochromacy



Original Color

57.5633, 41.2094, 46.5153



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.7646, 40.5879, 46.0323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5633, 41.2094, 46.5153 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, 133, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 177)  
}
```

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, 133, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 177) }
```

Border

The CSS property to change the border of an element to XYZ 57.5633, 41.2094, 46.5153 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, 133, 177) }
```


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

```
.border{ border-color:rgb(255, 133, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5633, 41.2094, 46.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 177) }
```

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

```
.background{ background-color: rgb(255,  
133, 177) }
```

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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