

Converting Colors

XYZ(57.6722, 41.7287, 45.6216)

Have a look what the booklet for
XYZ(57.6722, 41.7287, 45.6216)
contains.

XYZ(57.6418, 41.6831, 45.5650)	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(57.6418, 41.6831,
45.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	FF87AF
RGB	255, 135, 175
RGB Percent	100%, 53%, 69%
CMY	0.0000, 0.4706, 0.3137
CMYK	0.00, 0.47, 0.31, 0.00
HSL	340°, 100%, 76%
HSV	340°, 47%, 100%
XYZ	57.6418, 41.6831, 45.5650
YIQ	175.4400, 58.6800, 37.8800

Conversions

Conversions Part 2

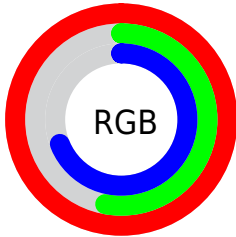
Format	Color
R _Y B	255, 135, 175
Decimal	16746415
CIE Lab	70.65, 49.72, -0.20
CIE LCh	71, 49.724, 359.774
Yxy	41.6831, 0.3978, 0.2877
Android (android.graphics.Color)	4294936495 (0xFFFF87AF)
YUV	175.4400, -0.2169, 69.7741
Hunter-Lab	64.5625, 46.3817, 3.3498

Details

The XYZ color **57.6418, 41.6831, 45.5650** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.0194, 81.5781, 76.9826**, and the grayscale version is **40.9566, 43.0895, 46.9245**.

A 20% lighter version of the original color is **74.1537, 64.2348, 83.3531**, and **29.0233, 18.9170, 20.8605** is the 20% darker color. If you saturate the color by 10%, you get **52.9345, 34.7745, 36.2699**, and if you desaturate by 10%, it is **63.4136, 50.3837, 56.2529**.

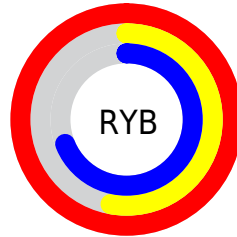
Distribution



Red (100%)

Green (53%)

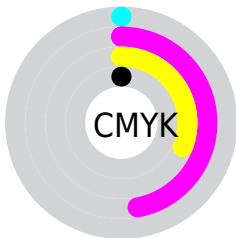
Blue (69%)



Red (100%)

Yellow (53%)

Blue (69%)

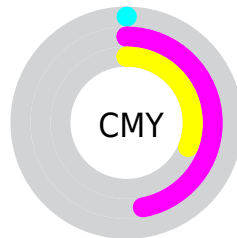


Cyan (0%)

Magenta (47%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6418, 41.6831, 45.5650 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 57.6418, 41.6831, 45.5650 by changing the saturation by 10% instead.


 57.6418, 41.6831,
45.5650


 57.6418, 41.6831,
45.5650


405.8253,
353.1676, 385.2837

 41.7629, 28.8532,
31.5565

 100.5270, 77.7198,
84.8950

 29.1060, 18.9698,
20.7610


 128.2640,
101.6954, 111.0536

 19.3057, 11.6485,
12.7599


 160.6845,
130.1550, 142.0994

 11.9967, 6.5048,
7.1346

198.1537,
163.4831, 178.4507

 6.8136, 3.1544,
3.4667

241.0370,
202.0640, 220.5263

 3.3911, 1.2129,
1.3376

289.6998,

 1.3638, 0.0722,

246.2821, 268.7446

0.0923

344.5075,
296.5218, 323.5243

■ 0.2302, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6418, 41.6831,
45.5650

■ 57.6418, 41.6831,
45.5650

■ 52.9345, 34.7745,
36.2699

■ 63.4136, 50.3837,
56.2529

■ 49.2185, 29.5248,
28.3037

■ 70.3094, 60.9845,
68.3887

■ 46.4167, 25.7927,
21.6003

■ 78.3884, 73.5922,
82.0272

■ 44.4378, 23.4096,
16.0856

■ 87.7046, 88.3039,
97.2192

■ 43.1668, 22.1611, 95.0500, 100.0000,
11.6745 108.9000

■ 42.8794, 21.9157,
10.5627

Harmonies

Analogous

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



54.9236, 41.6831, 72.2349



57.6418, 41.6831, 45.5650



55.0014, 41.6831, 26.3968

Triad

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



57.6418, 41.6831, 45.5650



32.2690, 41.6831, 16.3203



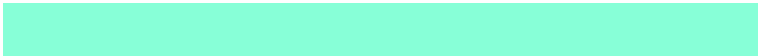
32.1747, 41.6831, 96.8814

Complementary

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



57.6418, 41.6831, 45.5650



58.0194, 81.5781, 76.9826

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.



27.4100, 41.6831, 71.8132



57.6418, 41.6831, 45.5650



27.4589, 41.6831, 26.1814

Square

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



57.6418, 41.6831, 45.5650



39.6811, 41.6831, 13.4784



25.8084, 41.6831, 45.2071



39.5561, 41.6831, 107.4581

Rectangle

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



57.6418, 41.6831, 45.5650



50.7411, 41.6831, 18.8338



25.8084, 41.6831, 45.2071



30.2531, 41.6831, 89.5222

Sweetspot

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



57.6429, 41.6852, 45.5658



81.1018, 77.8605, 86.5026



54.7400, 38.9974, 99.2499



16.9465, 16.0159, 17.8355



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.



57.6429, 41.6852, 45.5658



53.3835, 35.4234, 37.1876



57.3360, 46.4542, 28.8690



18.2591, 18.0869, 19.9814



22.4669, 11.4761, 5.8433



2.2358, 1.1367, 0.8231

Inverse Universe

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



57.6429, 41.6852, 45.5658



53.3835, 35.4234, 37.1876



57.7515, 71.7889, 105.4206



18.2591, 18.0869, 19.9814



22.4669, 11.4761, 5.8433



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 57.6418, 41.6831, 45.5650 looks on a white background.

Color Contrast Check

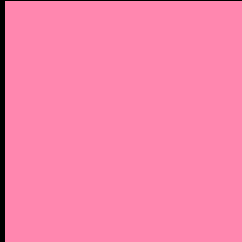
Large Text (above 18pt) WCAG AA × Fail

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 57.6418, 41.6831, 45.5650 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 57.6418, 41.6831, 45.5650

Background



This preview shows how black text looks on a background with the XYZ color 57.6418, 41.6831, 45.5650.



This preview shows how white text looks on a background with the XYZ color 57.6418, 41.6831,

45.5650.

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

57.6418, 41.6831, 45.5650

Protanopia

41.1928, 41.9713, 58.7535

Deuteranopia

42.7442, 41.9839, 43.8811



Tritanopia

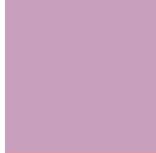
55.3911, 41.8408, 34.0108

Trichromacy



Original Color

57.6418, 41.6831, 45.5650



Protanomaly

45.4029, 40.7498, 53.6166



Deuteranomaly

47.0664, 41.0516, 44.4728



Tritanomaly

56.2195, 41.7510, 37.8965

Monochromacy



Original Color

57.6418, 41.6831, 45.5650



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.2105, 41.0741, 46.1027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6418, 41.6831, 45.5650 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, 135, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 175)  
}
```

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, 135, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 175) }
```

Border

The CSS property to change the border of an element to XYZ 57.6418, 41.6831, 45.5650 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, 135, 175) }
```


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

```
.border{ border-color:rgb(255, 135, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6418, 41.6831, 45.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 175) }
```

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

```
.background{ background-color: rgb(255,  
135, 175) }
```

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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