

Converting Colors

XYZ(63.5250, 45.9097, 57.6234)

Have a look what the booklet for
XYZ(63.5250, 45.9097, 57.6234)
contains.

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Color

**XYZ(60.8768, 44.5915,
57.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EC4
RGB	255, 142, 196
RGB Percent	100%, 56%, 77%
CMY	0.0000, 0.4431, 0.2314
CMYK	0.00, 0.44, 0.23, 0.00
HSL	331°, 100%, 78%
HSV	331°, 44%, 100%
XYZ	60.8768, 44.5915, 57.6230
YIQ	181.9430, 50.0140, 40.7500

Conversions

Conversions Part 2

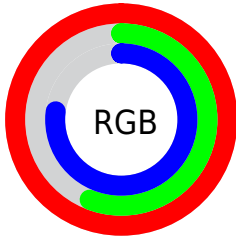
Format	Color
R_{YB}	255, 142, 196
Decimal	16748228
CIE _{Lab}	72.62, 49.01, -8.98
CIE _{LCh}	73, 49.821, 349.619
Yxy	44.5915, 0.3733, 0.2734
Android (android.graphics.Color)	4294938308 (0xFFFF8EC4)
YUV	181.9430, 6.9301, 64.0710
Hunter-Lab	66.7769, 45.8691, -4.4186

Details

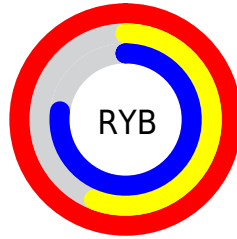
The XYZ color **60.8768, 44.5915, 57.6230** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.4598, 81.4887, 67.9624**, and the grayscale version is **44.3780, 46.6891, 50.8444**.

A 20% lighter version of the original color is **79.1637, 68.7400, 102.0243**, and **31.1372, 20.6682, 27.9394** is the 20% darker color. If you saturate the color by 10%, you get **56.0586, 37.2738, 48.8686**, and if you desaturate by 10%, it is **66.6995, 53.7026, 67.3769**.

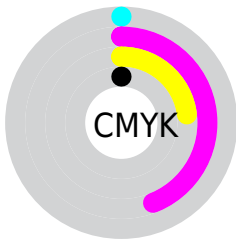
Distribution



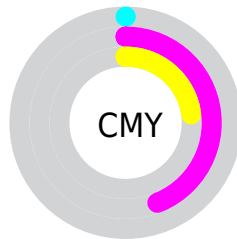
- Red (100%)
- Green (56%)
- Blue (77%)



- Red (100%)
- Yellow (56%)
- Blue (77%)



- Cyan (0%)
- Magenta (44%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8768, 44.5915, 57.6230 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 60.8768, 44.5915, 57.6230 by changing the saturation by 10% instead.


 60.8768, 44.5915,
57.6230


 60.8768, 44.5915,
57.6230


417.6053,
365.1166, 433.3386

 44.3779, 31.1358,
41.0929


 105.1997, 82.1071,
102.8830

 31.1669, 20.7023,
28.0715


 133.7543,
106.9357, 132.4500

 20.8784, 12.9065,
18.1400


167.0583,
136.3241, 167.1998

 13.1471, 7.3642,
10.8801

205.4770,
170.6567, 207.5508

 7.6076, 3.6909,
5.8731

249.3756,
210.3179, 253.9217

 3.8946, 1.5022,
2.7005

299.1197,

 1.6427, 0.2903,

255.6920, 306.7309

0.9437

355.0744,
307.1634, 366.3971

■ 0.4200, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8768, 44.5915,
57.6230

■ 60.8768, 44.5915,
57.6230

■ 56.0586, 37.2738,
48.8686

■ 66.6995, 53.7026,
67.3769

■ 52.1780, 31.6219,
41.0727

■ 73.5809, 64.7107,
78.1633

■ 49.1651, 27.5012,
34.1946

■ 81.5753, 77.7189,
90.0169

■ 46.9374, 24.7534,
28.1882

■ 90.7321, 92.8212,
102.9694

■ 45.3948, 23.1842,
23.0005

95.0500, 100.0000,
108.9000

■ 44.7437, 22.6615,
20.3803

Harmonies

Analogous

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



56.3119, 44.5915, 86.2792



60.8768, 44.5915, 57.6230



60.0010, 44.5915, 34.2881

Triad

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



60.8768, 44.5915, 57.6230



37.0551, 44.5915, 16.1498



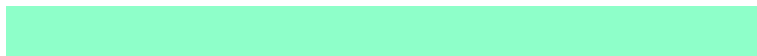
32.5214, 44.5915, 94.4605

Complementary

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



60.8768, 44.5915, 57.6230



57.4598, 81.4887, 67.9624

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.



28.6028, 44.5915, 66.3087



60.8768, 44.5915, 57.6230



30.9640, 44.5915, 23.8255

Square

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



60.8768, 44.5915, 57.6230



45.4418, 44.5915, 15.2178



28.0742, 44.5915, 40.4877



39.4644, 44.5915, 111.8529

Rectangle

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



60.8768, 44.5915, 57.6230



56.4833, 44.5915, 24.1277



28.0742, 44.5915, 40.4877



30.8492, 44.5915, 85.5716

Sweetspot

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



60.8779, 44.5936, 57.6239



82.7087, 79.5778, 91.6518



51.6468, 38.9006, 99.3942



17.2971, 16.3676, 19.0305



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.



60.8779, 44.5936, 57.6239



56.6355, 38.1357, 49.9610



56.0796, 43.1264, 30.9623



18.3709, 18.1317, 20.5701



23.4540, 11.8709, 11.0410



2.3384, 1.1777, 1.3636

Inverse Universe

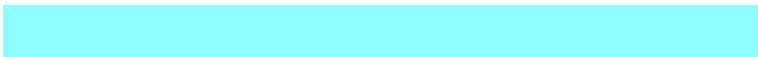
The Inverse Universe completely reimagines the original color for something new.



60.8779, 44.5936, 57.6239



56.6355, 38.1357, 49.9610



64.3686, 83.2957, 107.2928



18.3709, 18.1317, 20.5701



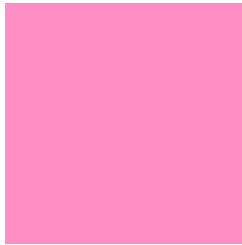
23.4540, 11.8709, 11.0410



2.3384, 1.1777, 1.3636

Previews

White Background



This preview shows how the XYZ color 60.8768, 44.5915, 57.6230 looks on a white background.

Color Contrast Check

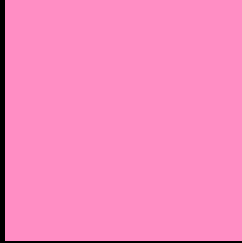
Large Text (above 18pt) WCAG AA × Fail

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 60.8768, 44.5915, 57.6230 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 60.8768, 44.5915, 57.6230

Background



This preview shows how black text looks on a background with the XYZ color 60.8768, 44.5915, 57.6230.



This preview shows how white text looks on a background with the XYZ color 60.8768, 44.5915,

57.6230.

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

60.8768, 44.5915, 57.6230

Protanopia

44.8705, 44.9938, 73.3376

Deuteranopia

45.5827, 44.5959, 55.4956



Tritanopia

56.8763, 44.5422, 38.8575

Trichromacy



Original Color

60.8768, 44.5915, 57.6230



Protanomaly

48.8527, 43.5334, 67.4560



Deuteranomaly

50.2775, 43.9871, 56.2925



Tritanomaly

57.9666, 44.2703, 45.0250

Monochromacy



Original Color

60.8768, 44.5915, 57.6230



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.0829, 44.7806, 53.0703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8768, 44.5915, 57.6230 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, 142, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 196)  
}
```

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, 142, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.8768, 44.5915, 57.6230 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, 142, 196) }
```


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

```
.border{ border-color:rgb(255, 142, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8768, 44.5915, 57.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 196) }
```

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

```
.background{ background-color: rgb(255,  
142, 196) }
```

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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