

Converting Colors

XYZ(57.9427, 44.7670, 58.0697)

Have a look what the booklet for
XYZ(57.9427, 44.7670, 58.0697)
contains.

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Color

**XYZ(57.6734, 44.5351,
57.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	F395C4
RGB	243, 149, 196
RGB Percent	95%, 58%, 77%
CMY	0.0471, 0.4157, 0.2314
CMYK	0.00, 0.39, 0.19, 0.05
HSL	330°, 80%, 77%
HSV	330°, 39%, 95%
XYZ	57.6734, 44.5351, 57.7810
YIQ	182.4640, 40.9370, 34.5450

Conversions

Conversions Part 2

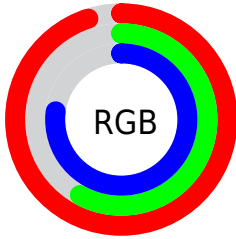
Format	Color
R_{YB}	243, 149, 196
Decimal	15963588
CIE _{Lab}	72.58, 41.47, -9.19
CIE _{LCh}	73, 42.476, 347.506
Yxy	44.5351, 0.3605, 0.2784
Android (android.graphics.Color)	4294153668 (0xFFFF395C4)
YUV	182.4640, 6.6732, 53.0901
Hunter-Lab	66.7346, 37.4777, -4.6210

Details

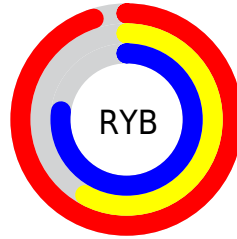
The XYZ color **57.6734, 44.5351, 57.7810** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.4108, 74.4775, 63.7358**, and the grayscale version is **44.6667, 46.9928, 51.1752**.

A 20% lighter version of the original color is **80.5625, 71.5376, 102.4905**, and **29.0729, 20.6330, 28.0414** is the 20% darker color. If you saturate the color by 10%, you get **52.8949, 37.1021, 49.6388**, and if you desaturate by 10%, it is **63.3686, 53.6210, 66.7824**.

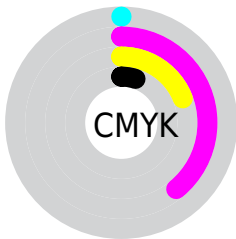
Distribution



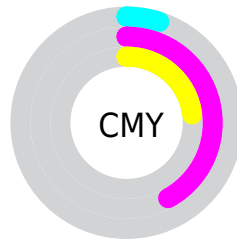
- Red (95%)
- Green (58%)
- Blue (77%)



- Red (95%)
- Yellow (58%)
- Blue (77%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6734, 44.5351, 57.7810 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 57.6734, 44.5351, 57.7810 by changing the saturation by 10% instead.


 57.6734, 44.5351,
57.7810


 57.6734, 44.5351,
57.7810


405.9414,
364.8874, 433.9448

 41.7884, 31.0914,
41.2191

 100.5728, 82.0223,
103.1155

 29.1260, 20.6685,
28.1693

 128.3179,
106.8347, 132.7252

 19.3209, 12.8819,
18.2132


160.7471,
136.2053, 167.5211

 12.0078, 7.3473,
10.9321

198.2256,
170.5187, 207.9220

 6.8212, 3.6802,
5.9076

241.1190,
210.1592, 254.3462

 3.3959, 1.4963,
2.7211

289.7925,

 1.3664, 0.2861,

255.5112, 307.2124

0.9540

344.6115,
306.9592, 366.9391

■ 0.2321, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6734, 44.5351,
57.7810

■ 57.6734, 44.5351,
57.7810

■ 52.8949, 37.1021,
49.6388

■ 63.3686, 53.6210,
66.7824

■ 48.9762, 31.2143,
42.3223

■ 70.0249, 64.4465,
76.6690

■ 45.8599, 26.7606,
35.7995

■ 77.6887, 77.0996,
87.4688

■ 43.4795, 23.6126,
30.0340

■ 86.4019, 91.6603,
99.2076

■ 41.7566, 21.6183,
24.9852

■ 90.7724, 97.7948,
108.6998

■ 40.5784, 20.5569,
20.5999

■ 40.4439, 20.4474,
20.0636

Harmonies

Analogous

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



53.6231, 44.5351, 81.2766



57.6734, 44.5351, 57.7810



57.2814, 44.5351, 37.3113

Triad

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



57.6734, 44.5351, 57.7810



38.2206, 44.5351, 19.2363



33.4857, 44.5351, 84.8574

Complementary

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



57.6734, 44.5351, 57.7810



54.4108, 74.4775, 63.7358

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.



30.2357, 44.5351, 61.7071



57.6734, 44.5351, 57.7810



32.7442, 44.5351, 25.9743

Square

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



57.6734, 44.5351, 57.7810



45.4596, 44.5351, 18.7462



29.9810, 44.5351, 40.2545



39.3461, 44.5351, 99.6859

Rectangle

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



57.6734, 44.5351, 57.7810



54.5538, 44.5351, 27.7945



29.9810, 44.5351, 40.2545



32.0827, 44.5351, 77.5293

Sweetspot

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



57.6747, 44.5372, 57.7819



83.6868, 81.0600, 93.4394



49.6920, 39.7042, 89.8391



17.6696, 16.9487, 19.6592



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.



57.6747, 44.5372, 57.7819



60.2889, 43.3523, 57.6222



53.1361, 42.7218, 33.8819



16.8447, 16.6207, 18.9287



22.2651, 11.2495, 11.3701



2.0087, 1.0095, 1.2725

Inverse Universe

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



57.6747, 44.5372, 57.7819



60.2889, 43.3523, 57.6222



60.6241, 76.9628, 96.4546



16.8447, 16.6207, 18.9287



22.2651, 11.2495, 11.3701



2.0087, 1.0095, 1.2725

Previews

White Background



This preview shows how the XYZ color 57.6734, 44.5351, 57.7810 looks on a white background.

Color Contrast Check

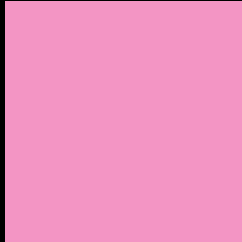
Large Text (above 18pt) WCAG AA × Fail

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 57.6734, 44.5351, 57.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

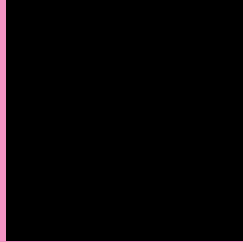
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6734, 44.5351, 57.7810

Background



This preview shows how black text looks on a background with the XYZ color 57.6734, 44.5351, 57.7810.



This preview shows how white text looks on a background with the XYZ color 57.6734, 44.5351,

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

57.6734, 44.5351, 57.7810

Protanopia

44.6543, 44.9572, 69.9424

Deuteranopia

45.6932, 44.6401, 56.0773



Tritanopia

54.5395, 44.7211, 41.8339

Trichromacy



Original Color

57.6734, 44.5351, 57.7810



Protanomaly

48.1072, 44.0127, 64.9913



Deuteranomaly

49.1956, 43.9565, 56.3436



Tritanomaly

55.6027, 44.6576, 47.2842

Monochromacy



Original Color

57.6734, 44.5351, 57.7810



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.2462, 45.1747, 53.1904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6734, 44.5351, 57.7810 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(243, 149, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 149, 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(243, 149, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 149, 196) }
```

Border

The CSS property to change the border of an element to XYZ 57.6734, 44.5351, 57.7810 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(243, 149, 196) }
```


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

```
.border{ border-color:rgb(243, 149, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 149, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 149, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 149, 196);  
box-shadow:4px 4px 4px 4px rgb(243, 149,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6734, 44.5351, 57.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 149, 196) }
```

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

```
.background{ background-color: rgb(243,  
149, 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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