

Converting Colors

XYZ(55.8464, 41.5735, 56.7108)

Have a look what the booklet for
XYZ(55.8464, 41.5735, 56.7108)
contains.

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Color

**XYZ(55.8464, 41.5735,
56.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	F28CC3
RGB	242, 140, 195
RGB Percent	95%, 55%, 76%
CMY	0.0510, 0.4510, 0.2353
CMYK	0.00, 0.42, 0.19, 0.05
HSL	328°, 80%, 75%
HSV	328°, 42%, 95%
XYZ	55.8464, 41.5735, 56.7108
YIQ	176.7680, 43.1370, 38.7290

Conversions

Conversions Part 2

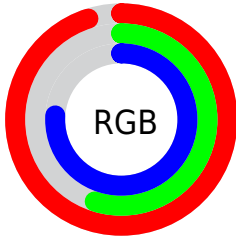
Format	Color
R _Y B	242, 140, 195
Decimal	15895747
CIE Lab	70.58, 45.61, -11.65
CIE LCh	71, 47.075, 345.675
Yxy	41.5735, 0.3623, 0.2697
Android (android.graphics.Color)	4294085827 (0xFFFF28CC3)
YUV	176.7680, 8.9884, 57.2085
Hunter-Lab	64.4775, 41.7699, -7.0139

Details

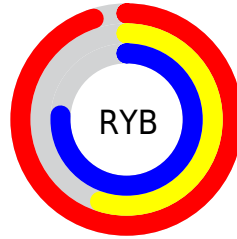
The XYZ color **55.8464, 41.5735, 56.7108** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.5389, 72.6689, 58.3272**, and the grayscale version is **41.6079, 43.7748, 47.6707**.

A 20% lighter version of the original color is **78.3258, 67.3185, 100.9610**, and **27.9831, 18.9298, 27.3783** is the 20% darker color. If you saturate the color by 10%, you get **51.4772, 34.7778, 49.2642**, and if you desaturate by 10%, it is **61.0897, 49.9658, 64.9142**.

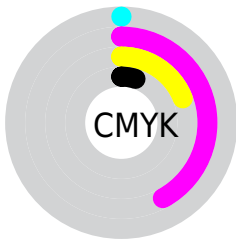
Distribution



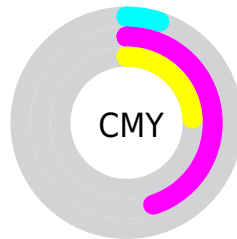
- Red (95%)
- Green (55%)
- Blue (76%)



- Red (95%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8464, 41.5735, 56.7108 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 55.8464, 41.5735, 56.7108 by changing the saturation by 10% instead.


 55.8464, 41.5735,
56.7108


 55.8464, 41.5735,
56.7108


399.1968,
352.7119, 429.8281


 40.3163, 28.7675,
40.3653

 97.9211, 77.5537,
101.5392

 27.9706, 18.9050,
27.5075


 125.1964,
101.4967, 130.8592

 18.4438, 11.6016,
17.7189


 157.1174,
129.9208, 165.3411

 11.3707, 6.4730,
10.5810

194.0496,
163.2104, 205.4035

 6.3859, 3.1348,
5.6753

236.3583,
201.7500, 251.4648

 3.1240, 1.2025,
2.5831

284.4088,

 1.2197, 0.0638,

245.9238, 303.9436

0.8837

338.5665,
296.1163, 363.2586

■ 0.1218, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8464, 41.5735,
56.7108

■ 55.8464, 41.5735,
56.7108

■ 51.4772, 34.7778,
49.2642

■ 61.0897, 49.9658,
64.9142

■ 47.9249, 29.4690,
42.5441

■ 67.2523, 60.0432,
73.8981

■ 45.1309, 25.5326,
36.5209

■ 74.3805, 71.8948,
83.6876

■ 43.0265, 22.8349,
31.1608

■ 82.5163, 85.6016,
94.3061

■ 41.5292, 21.2145,
26.4252

■ 89.7528, 97.3472,
105.1270

■ 40.6802, 20.5022,
23.1034

■ 90.4283, 97.6174,
108.6837

Harmonies

Analogous

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



51.2067, 41.5735, 82.2688



55.8464, 41.5735, 56.7108



55.7316, 41.5735, 34.6532

Triad

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



55.8464, 41.5735, 56.7108



35.6102, 41.5735, 15.2855



29.9596, 41.5735, 83.3366

Complementary

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



55.8464, 41.5735, 56.7108



51.5389, 72.6689, 58.3272

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.



26.7945, 41.5735, 57.8517



55.8464, 41.5735, 56.7108



29.7529, 41.5735, 21.4520

Square

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



55.8464, 41.5735, 56.7108



43.3309, 41.5735, 15.1591



26.7242, 41.5735, 35.4757



35.9288, 41.5735, 100.7327

Rectangle

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



55.8464, 41.5735, 56.7108



52.9493, 41.5735, 24.6022



26.7242, 41.5735, 35.4757



28.5691, 41.5735, 75.1180

Sweetspot

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



55.8476, 41.5755, 56.7116



83.0087, 79.6978, 93.2316



45.6324, 35.5958, 88.4707



17.3711, 16.3971, 19.4200



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.



55.8476, 41.5755, 56.7116



58.4258, 39.8580, 56.2864



51.1162, 39.6829, 31.7963



16.1292, 15.9014, 18.2366



21.9234, 11.0418, 12.7791



1.8740, 0.9387, 1.3274

Inverse Universe

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



55.8476, 41.5755, 56.7116



58.4258, 39.8580, 56.2864



57.8402, 75.1894, 91.5096



16.1292, 15.9014, 18.2366



21.9234, 11.0418, 12.7791



1.8740, 0.9387, 1.3274

Previews

White Background



This preview shows how the XYZ color 55.8464, 41.5735, 56.7108 looks on a white background.

Color Contrast Check

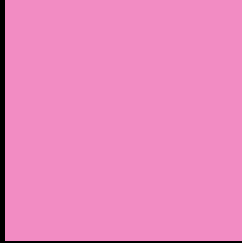
Large Text (above 18pt) WCAG AA × Fail

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 55.8464, 41.5735, 56.7108 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 55.8464, 41.5735, 56.7108

Background



This preview shows how black text looks on a background with the XYZ color 55.8464, 41.5735, 56.7108.



This preview shows how white text looks on a background with the XYZ color 55.8464, 41.5735,

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

55.8464, 41.5735, 56.7108

Protanopia

41.8579, 41.7651, 70.8211

Deuteranopia

42.5883, 41.6681, 54.5133



Tritanopia

51.8652, 41.5132, 37.6270

Trichromacy



Original Color

55.8464, 41.5735, 56.7108



Protanomaly

45.4418, 40.7720, 65.1493



Deuteranomaly

46.6431, 41.0969, 55.3433



Tritanomaly

52.9205, 41.2375, 43.6985

Monochromacy



Original Color

55.8464, 41.5735, 56.7108



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.0146, 42.4291, 51.1118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8464, 41.5735, 56.7108 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(242, 140, 195)` looks like.

```
.text, #text, p{  
    color:rgb(242, 140, 195)  
}
```

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(242, 140, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 140, 195) }
```

Border

The CSS property to change the border of an element to XYZ 55.8464, 41.5735, 56.7108 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(242, 140, 195) }
```


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

```
.border{ border-color:rgb(242, 140, 195) }
```

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

Here you see how a box with a 4 pixel rgb(242, 140, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 140, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 140, 195);  
box-shadow:4px 4px 4px 4px rgb(242, 140,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8464, 41.5735, 56.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 140, 195) }
```

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

```
.background{ background-color: rgb(242,  
140, 195) }
```

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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