

Converting Colors

XYZ(55.9740, 41.2570, 56.1978)

Have a look what the booklet for
XYZ(55.9740, 41.2570, 56.1978)
contains.

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Color

**XYZ(55.7882, 41.1267,
56.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	F38AC2
RGB	243, 138, 194
RGB Percent	95%, 54%, 76%
CMY	0.0471, 0.4588, 0.2392
CMYK	0.00, 0.43, 0.20, 0.05
HSL	328°, 81%, 75%
HSV	328°, 43%, 95%
XYZ	55.7882, 41.1267, 56.0368
YIQ	175.7790, 44.6040, 39.6760

Conversions

Conversions Part 2

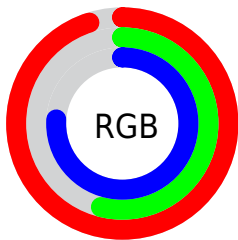
Format	Color
R _Y B	243, 138, 194
Decimal	15960770
CIE Lab	70.26, 46.81, -11.54
CIE LCh	70, 48.210, 346.146
Yxy	41.1267, 0.3647, 0.2689
Android (android.graphics.Color)	4294150850 (0xFFFF38AC2)
YUV	175.7790, 8.9830, 58.9528
Hunter-Lab	64.1301, 43.0534, -6.9165

Details

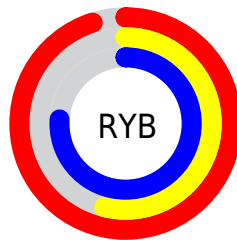
The XYZ color **55.7882, 41.1267, 56.0368** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.5033, 73.0934, 58.4111**, and the grayscale version is **41.0914, 43.2314, 47.0790**.

A 20% lighter version of the original color is **77.7226, 66.3650, 99.9801**, and **27.9897, 18.7047, 26.9461** is the 20% darker color. If you saturate the color by 10%, you get **51.4585, 34.4280, 48.5477**, and if you desaturate by 10%, it is **60.9974, 49.4278, 64.2995**.

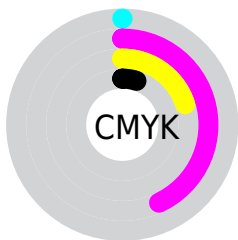
Distribution



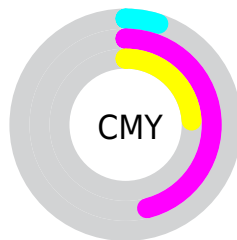
- Red (95%)
- Green (54%)
- Blue (76%)



- Red (95%)
- Yellow (54%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (46%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7882, 41.1267, 56.0368 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 55.7882, 41.1267, 56.0368 by changing the saturation by 10% instead.

55.7882, 41.1267,
56.0368

55.7882, 41.1267,
56.0368

398.9808,
350.8499, 427.2224

40.2695, 28.4181,
39.8282

97.8364, 76.8762,
100.5447

27.9339, 18.6411,
27.0919

125.0967,
100.6859, 129.6811

18.4160, 11.4112,
17.4092

157.0014,
128.9647, 163.9639

11.3506, 6.3441,
10.3616

193.9161,
162.0971, 203.8116

6.3722, 3.0554,
5.5307

236.2060,
200.4674, 249.6428

3.1155, 1.1607,
2.4977

284.2365,

1.2151, 0.0293,

244.4600, 301.8759

0.8390

338.3730,
294.4594, 360.9296

■ 0.1183, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7882, 41.1267,
56.0368

■ 55.7882, 41.1267,
56.0368

■ 51.4585, 34.4280,
48.5477

■ 60.9974, 49.4278,
64.2995

■ 47.9498, 29.2198,
41.8008

■ 67.1323, 59.4219,
73.3603

■ 45.2020, 25.3849,
35.7655

■ 74.2401, 71.1996,
83.2452

■ 43.1446, 22.7857,
30.4068

■ 82.3636, 84.8433,
93.9783

■ 41.6919, 21.2552,
25.6843

■ 90.0882, 97.5211,
105.0974

■ 40.9644, 20.6556,
22.8046

■ 90.7723, 97.7948,
108.6998

Harmonies

Analogous

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



51.1108, 41.1267, 82.2308



55.7882, 41.1267, 56.0368



55.5889, 41.1267, 33.7295

Triad

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



55.7882, 41.1267, 56.0368



35.0121, 41.1267, 14.6243



29.4736, 41.1267, 84.0917

Complementary

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



55.7882, 41.1267, 56.0368



51.5033, 73.0934, 58.4111

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.



26.2283, 41.1267, 58.0135



55.7882, 41.1267, 56.0368



29.1187, 41.1267, 20.8791

Square

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



55.7882, 41.1267, 56.0368



42.8446, 41.1267, 14.4116



26.1078, 41.1267, 35.1417



35.5609, 41.1267, 101.7588

Rectangle

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



55.7882, 41.1267, 56.0368



52.6979, 41.1267, 23.6931



26.1078, 41.1267, 35.1417



28.0524, 41.1267, 75.6882

Sweetspot

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



55.7894, 41.1287, 56.0376



82.9798, 79.6862, 93.0794



45.7616, 35.2152, 89.1797



17.3640, 16.3943, 19.3824



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.



55.7894, 41.1287, 56.0376



57.8874, 39.1330, 55.0229



50.8972, 39.1718, 30.2756



16.8686, 16.6303, 19.0544



22.5515, 11.3640, 12.8785



2.0340, 1.0196, 1.4053

Inverse Universe

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



55.7894, 41.1287, 56.0376



57.8874, 39.1330, 55.0229



58.1871, 75.7669, 93.6074



16.8686, 16.6303, 19.0544



22.5515, 11.3640, 12.8785



2.0340, 1.0196, 1.4053

Previews

White Background



This preview shows how the XYZ color 55.7882, 41.1267, 56.0368 looks on a white background.

Color Contrast Check

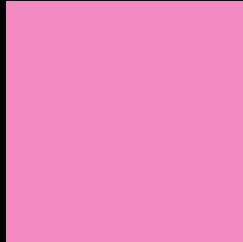
Large Text (above 18pt) WCAG AA × Fail

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 55.7882, 41.1267, 56.0368 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 55.7882, 41.1267, 56.0368

Background



This preview shows how black text looks on a background with the XYZ color 55.7882, 41.1267, 56.0368.



This preview shows how white text looks on a background with the XYZ color 55.7882, 41.1267,

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

55.7882, 41.1267, 56.0368

Protanopia

41.4673, 41.2844, 70.7489

Deuteranopia

42.0601, 41.1353, 53.8672



Tritanopia

51.7228, 41.0018, 36.6405

Trichromacy



Original Color

55.7882, 41.1267, 56.0368



Protanomaly

45.0979, 40.0842, 65.0346



Deuteranomaly

46.1943, 40.3759, 54.6488



Tritanomaly

52.8639, 40.7735, 43.1141

Monochromacy



Original Color

55.7882, 41.1267, 56.0368



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.2870, 41.5389, 50.4307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7882, 41.1267, 56.0368 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, 138, 194)` looks like.

```
.text, #text, p{  
    color:rgb(243, 138, 194)  
}
```

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, 138, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 138, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.7882, 41.1267, 56.0368 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, 138, 194) }
```


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

```
.border{ border-color:rgb(243, 138, 194) }
```

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

Here you see how a box with a 4 pixel rgb(243, 138, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 138, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 138, 194);  
box-shadow:4px 4px 4px 4px rgb(243, 138,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7882, 41.1267, 56.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 138, 194) }
```

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

```
.background{ background-color: rgb(243,  
138, 194) }
```

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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