

Converting Colors

XYZ(54.9914, 39.9667, 56.8570)

Have a look what the booklet for
XYZ(54.9914, 39.9667, 56.8570)
contains.

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Color

**XYZ(55.2457, 40.1907,
57.0704)**

Conversions

Conversions Part 1

Format	Color
Hex	F287C4
RGB	242, 135, 196
RGB Percent	95%, 53%, 77%
CMY	0.0510, 0.4706, 0.2314
CMYK	0.00, 0.44, 0.19, 0.05
HSL	326°, 80%, 74%
HSV	326°, 44%, 95%
XYZ	55.2457, 40.1907, 57.0704
YIQ	173.9470, 44.1910, 41.6550

Conversions

Conversions Part 2

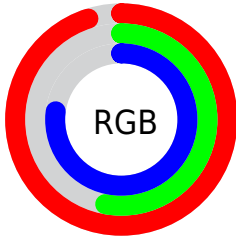
Format	Color
R _Y B	242, 135, 196
Decimal	15894468
CIE Lab	69.61, 48.29, -13.66
CIE LCh	70, 50.183, 344.205
Yxy	40.1907, 0.3623, 0.2635
Android (android.graphics.Color)	4294084548 (0xFFFF287C4)
YUV	173.9470, 10.8721, 59.6825
Hunter-Lab	63.3961, 44.6082, -8.9967

Details

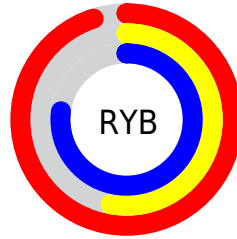
The XYZ color **55.2457, 40.1907, 57.0704** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.0861, 71.9925, 54.9754**, and the grayscale version is **40.1361, 42.2263, 45.9845**.

A 20% lighter version of the original color is **77.3831, 65.1788, 101.4307**, and **27.6669, 18.1779, 27.6417** is the 20% darker color. If you saturate the color by 10%, you get **51.1016, 33.7320, 50.0474**, and if you desaturate by 10%, it is **60.2417, 48.2206, 64.7833**.

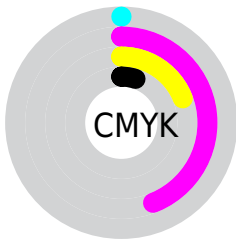
Distribution



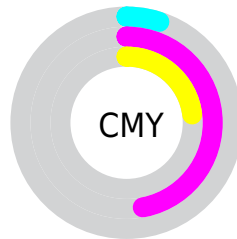
- Red (95%)
- Green (53%)
- Blue (77%)



- Red (95%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2457, 40.1907, 57.0704 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 55.2457, 40.1907, 57.0704 by changing the saturation by 10% instead.


 55.2457, 40.1907,
57.0704

 55.2457, 40.1907,
57.0704


396.9639,
346.9267, 431.2142


 39.8331, 27.6873,
40.6520


 97.0471, 75.4538,
102.0693

 27.5921, 18.0900,
27.7296


 124.1666, 98.9823,
131.4868

 18.1573, 11.0147,
17.8847


 155.9190,
126.9546, 166.0745

 11.1633, 6.0767,
10.6986

192.6699,
159.7550, 206.2509

 6.2449, 2.8918,
5.7530

234.7844,
197.7681, 252.4346

 3.0366, 1.0755,
2.6291

282.6280,

 1.1732, 0.0000,

241.3781, 305.0439

0.9074

336.5661,
290.9695, 364.4976

■ 0.0850, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2457, 40.1907,
57.0704

■ 55.2457, 40.1907,
57.0704

■ 51.1016, 33.7320,
50.0474

■ 60.2417, 48.2206,
64.7833

■ 47.7513, 28.7328,
43.6858

■ 66.1352, 57.9121,
73.2082

■ 45.1352, 25.0758,
37.9575

■ 72.9728, 69.3553,
82.3686

■ 43.1826, 22.6227,
32.8304

■ 80.7968, 82.6323,
92.2861

■ 41.8077, 21.2046,
28.2668

■ 89.3248, 97.1760,
102.8739

■ 41.2025, 20.7111,
25.8549

■ 90.4281, 97.6173,
108.6837

Harmonies

Analogous

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



50.1299, 40.1907, 84.1917



55.2457, 40.1907, 57.0704



55.3891, 40.1907, 33.6961

Triad

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



55.2457, 40.1907, 57.0704



34.5017, 40.1907, 13.1846



28.0811, 40.1907, 82.8433

Complementary

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



55.2457, 40.1907, 57.0704



50.0861, 71.9925, 54.9754

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.



24.9952, 40.1907, 55.6533



55.2457, 40.1907, 57.0704



28.3311, 40.1907, 18.9281

Square

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



55.2457, 40.1907, 57.0704



42.6016, 40.1907, 13.3293



25.0797, 40.1907, 32.7003



34.1126, 40.1907, 102.2969

Rectangle

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



55.2457, 40.1907, 57.0704



52.5944, 40.1907, 23.1588



25.0797, 40.1907, 32.7003



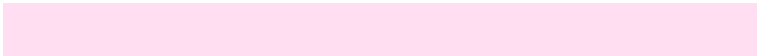
26.7055, 40.1907, 73.9550

Sweetspot

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



55.2469, 40.1926, 57.0712



83.1610, 79.7587, 94.0337



43.4184, 33.3944, 88.1622



17.4087, 16.4122, 19.6180



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.



55.2469, 40.1926, 57.0712



58.0045, 38.6833, 57.1700



50.3111, 38.2183, 31.0797



16.1504, 15.9099, 18.3482



22.2041, 11.1541, 14.2573



1.8969, 0.9478, 1.4481

Inverse Universe

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



55.2469, 40.1926, 57.0712



58.0045, 38.6833, 57.1700



56.4650, 74.5440, 88.5664



16.1504, 15.9099, 18.3482



22.2041, 11.1541, 14.2573



1.8969, 0.9478, 1.4481

Previews

White Background



This preview shows how the XYZ color 55.2457, 40.1907, 57.0704 looks on a white background.

Color Contrast Check

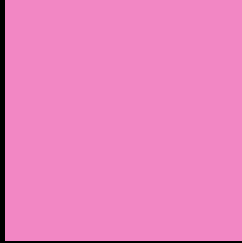
Large Text (above 18pt) WCAG AA × Fail

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 55.2457, 40.1907, 57.0704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

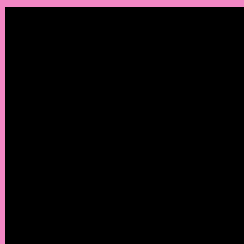
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2457, 40.1907, 57.0704

Background



This preview shows how black text looks on a background with the XYZ color 55.2457, 40.1907, 57.0704.



This preview shows how white text looks on a background with the XYZ color 55.2457, 40.1907,

57.0704.

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

55.2457, 40.1907, 57.0704

Protanopia

40.8788, 40.6585, 72.7112

Deuteranopia

41.4003, 40.4990, 54.9253



Tritanopia

50.9151, 40.1552, 35.6391

Trichromacy



Original Color

55.2457, 40.1907, 57.0704



Protanomaly

44.5539, 39.5085, 66.9057



Deuteranomaly

45.4344, 39.7105, 55.7223



Tritanomaly

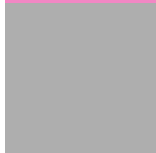
52.1361, 39.9715, 42.5035

Monochromacy



Original Color

55.2457, 40.1907, 57.0704



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.5675, 40.6611, 49.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2457, 40.1907, 57.0704 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, 135, 196)` looks like.

```
.text, #text, p{  
    color:rgb(242, 135, 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(242, 135, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 135, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.2457, 40.1907, 57.0704 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, 135, 196) }
```


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

```
.border{ border-color:rgb(242, 135, 196) }
```

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

Here you see how a box with a 4 pixel rgb(242, 135, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 135, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 135, 196);  
box-shadow:4px 4px 4px 4px rgb(242, 135,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2457, 40.1907, 57.0704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 135, 196) }
```

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

```
.background{ background-color: rgb(242,  
135, 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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