

Converting Colors

XYZ(55.4400, 40.5579, 67.9844)

Have a look what the booklet for
XYZ(55.4400, 40.5579, 67.9844)
contains.

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Color

**XYZ(55.2169, 40.3576,
67.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	EB89D5
RGB	235, 137, 213
RGB Percent	92%, 54%, 84%
CMY	0.0784, 0.4627, 0.1647
CMYK	0.00, 0.42, 0.09, 0.08
HSL	313°, 71%, 73%
HSV	313°, 42%, 92%
XYZ	55.2169, 40.3576, 67.8303
YIQ	174.9660, 34.0120, 44.4120

Conversions

Conversions Part 2

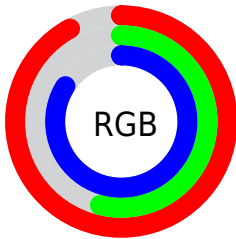
Format	Color
R _Y B	235, 137, 213
Decimal	15436245
CIE Lab	69.72, 47.71, -23.01
CIE LCh	70, 52.966, 334.248
Yxy	40.3576, 0.3379, 0.2470
Android (android.graphics.Color)	4293626325 (0xFFEB89D5)
YUV	174.9660, 18.7508, 52.6498
Hunter-Lab	63.5276, 43.9751, -18.8363

Details

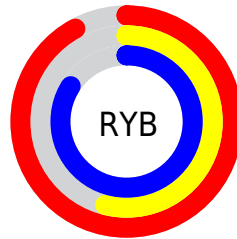
The XYZ color **55.2169, 40.3576, 67.8303** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **46.2847, 67.2396, 43.3428**, and the grayscale version is **40.6249, 42.7406, 46.5445**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **27.4733, 18.1564, 34.4043** is the 20% darker color. If you saturate the color by 10%, you get **51.5744, 34.1263, 63.3659**, and if you desaturate by 10%, it is **59.6112, 48.0562, 72.6536**.

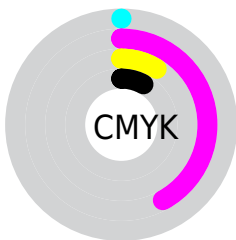
Distribution



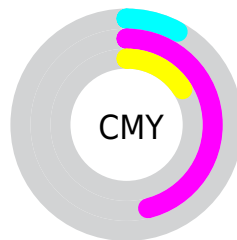
- Red (92%)
- Green (54%)
- Blue (84%)



- Red (92%)
- Yellow (54%)
- Blue (84%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2169, 40.3576, 67.8303 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 55.2169, 40.3576, 67.8303 by changing the saturation by 10% instead.

55.2169, 40.3576,
67.8303

55.2169, 40.3576,
67.8303

396.8566,
347.6285, 471.4762

39.8099, 27.8175,
49.2939

97.0051, 75.7077,
117.7613

27.5739, 18.1881,
34.4854

124.1171, 99.2866,
149.9929

18.1435, 11.0851,
22.9864

155.8615,
127.3137, 187.6266

11.1534, 6.1241,
14.3782

192.6036,
160.1736, 231.0810

6.2382, 2.9207,
8.2425

234.7089,
198.2506, 280.7746

3.0325, 1.0905,
4.1605

282.5425,

1.1710, 0.0000,

241.9292, 337.1260

1.7138

336.4700,
291.5937, 400.5537

■ 0.0833, 0.0000,
0.3702

■ 0.0000, 0.0000,
0.0000

■ 55.2169, 40.3576,
67.8303

■ 55.2169, 40.3576,
67.8303

■ 51.5744, 34.1263,
63.3659

■ 59.6112, 48.0562,
72.6536

■ 48.6319, 29.2612,
59.2410


■ 64.7970, 57.3034,
77.8488


■ 46.3371, 25.6573,
55.4375


■ 70.8159, 68.1812,
83.4311


■ 44.6285, 23.1917,
51.9337


■ 77.7053, 80.7642,
89.4141


 43.4320, 21.7171,
48.7041

 85.5003, 95.1223,
95.8103

 42.7299, 21.0498,
46.1983

 86.4503, 95.7540,
100.0372

 87.2660, 96.0802,
104.3326

 88.0714, 96.4024,
108.5734

Harmonies

Analogous

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



48.4111, 40.3576, 95.7042



55.2169, 40.3576, 67.8303



57.2728, 40.3576, 40.5353

Triad

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



55.2169, 40.3576, 67.8303



37.1498, 40.3576, 11.6612



26.2750, 40.3576, 76.2519

Complementary

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



55.2169, 40.3576, 67.8303



46.2847, 67.2396, 43.3428

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.



24.1478, 40.3576, 47.5356



55.2169, 40.3576, 67.8303



29.8041, 40.3576, 15.3172

Square

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



55.2169, 40.3576, 67.8303



45.9814, 40.3576, 13.6485



25.3369, 40.3576, 26.4467



31.6287, 40.3576, 101.7050

Rectangle

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



55.2169, 40.3576, 67.8303



55.4506, 40.3576, 27.2561



25.3369, 40.3576, 26.4467



25.1984, 40.3576, 66.3399

Sweetspot

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



55.2182, 40.3595, 67.8311



84.1962, 80.1728, 99.4848



38.0895, 31.1844, 82.6099



17.6653, 16.5148, 20.9693



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.



55.2182, 40.3595, 67.8311



62.6732, 42.0799, 77.0410



49.9785, 38.2636, 40.2396



15.5617, 15.2525, 18.2431



23.8312, 11.7352, 25.9762



1.9068, 0.9357, 2.2265

Inverse Universe

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



55.2182, 40.3595, 67.8311



62.6732, 42.0799, 77.0410



51.3175, 69.2528, 69.8452



15.5617, 15.2525, 18.2431



23.8312, 11.7352, 25.9762



1.9068, 0.9357, 2.2265

Previews

White Background



This preview shows how the XYZ color 55.2169, 40.3576, 67.8303 looks on a white background.

Color Contrast Check

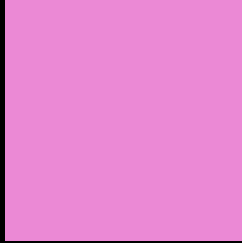
Large Text (above 18pt) WCAG AA × Fail

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 55.2169, 40.3576, 67.8303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

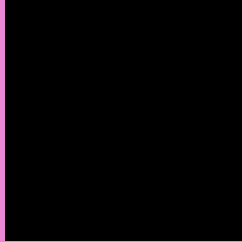
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2169, 40.3576, 67.8303

Background



This preview shows how black text looks on a background with the XYZ color 55.2169, 40.3576, 67.8303.



This preview shows how white text looks on a background with the XYZ color 55.2169, 40.3576,

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

55.2169, 40.3576, 67.8303

Protanopia

41.9055, 40.6407, 84.9927

Deuteranopia

41.5661, 40.6265, 65.3254



Tritanopia

49.1610, 40.3410, 37.9964

Trichromacy



Original Color

55.2169, 40.3576, 67.8303



Protanomaly

45.3520, 39.6605, 78.6637



Deuteranomaly

45.5136, 39.7675, 66.2498



Tritanomaly

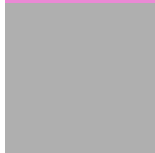
51.0649, 40.1901, 47.7139

Monochromacy



Original Color

55.2169, 40.3576, 67.8303



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.9561, 41.0342, 53.6951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2169, 40.3576, 67.8303 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(235, 137, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 137, 213)  
}
```

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(235, 137, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 137, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.2169, 40.3576, 67.8303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

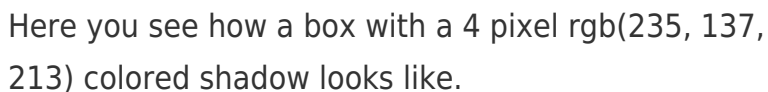
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 137, 213) }
```


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

```
.border{ border-color:rgb(235, 137, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 137, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 137, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 137, 213); box-shadow:4px 4px 4px 4px rgb(235, 137, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2169, 40.3576, 67.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 137, 213) }
```

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

```
.background{ background-color: rgb(235,  
137, 213) }
```

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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