

Converting Colors

XYZ(55.0072, 43.7842, 49.4993)

Have a look what the booklet for
XYZ(55.0072, 43.7842, 49.4993)
contains.

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Color

**XYZ(55.0037, 43.8201,
49.2752)**

Conversions

Conversions Part 1

Format	Color
Hex	EF97B5
RGB	239, 151, 181
RGB Percent	94%, 59%, 71%
CMY	0.0627, 0.4078, 0.2902
CMYK	0.00, 0.37, 0.24, 0.06
HSL	340°, 73%, 76%
HSV	340°, 37%, 94%
XYZ	55.0037, 43.8201, 49.2752
YIQ	180.7320, 42.8180, 27.9860

Conversions

Conversions Part 2

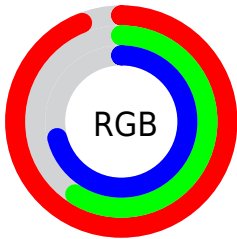
Format	Color
R _Y B	239, 151, 181
Decimal	15701941
CIE Lab	72.11, 36.89, -1.64
CIE LCh	72, 36.926, 357.454
Yxy	43.8201, 0.3714, 0.2959
Android (android.graphics.Color)	4293892021 (0xFFEF97B5)
YUV	180.7320, 0.1321, 51.1010
Hunter-Lab	66.1968, 32.4735, 2.2037

Details

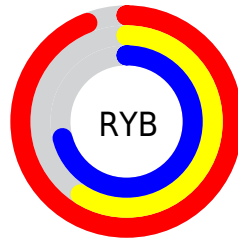
The XYZ color **55.0037, 43.8201, 49.2752** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.1395, 72.9169, 71.4933**, and the grayscale version is **43.7605, 46.0394, 50.1369**.

A 20% lighter version of the original color is **78.5974, 71.5170, 89.7824**, and **27.3200, 20.1176, 22.8652** is the 20% darker color. If you saturate the color by 10%, you get **50.0140, 36.2826, 40.0829**, and if you desaturate by 10%, it is **60.9583, 52.9941, 59.6918**.

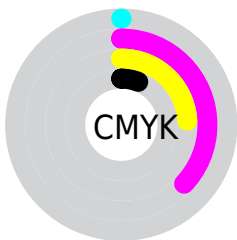
Distribution



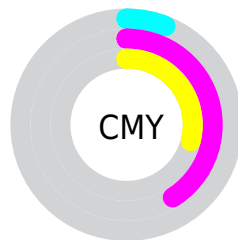
- Red (94%)
- Green (59%)
- Blue (71%)



- Red (94%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (6%)



- Cyan (6%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0037, 43.8201, 49.2752 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 55.0037, 43.8201, 49.2752 by changing the saturation by 10% instead.


 55.0037, 43.8201,
49.2752


 55.0037, 43.8201,
49.2752


396.0621,
361.9737, 400.4783

 39.6385, 30.5291,
34.4707


 96.6947, 80.9470,
90.4853

 27.4398, 20.2405,
22.9752

 123.7512,
105.5516, 117.7279

 18.0421, 12.5700,
14.3700

155.4355,
134.6963, 149.9537

 11.0801, 7.1331,
8.2368

192.1131,
168.7654, 187.5811

 6.1884, 3.5455,
4.1569

234.1491,
208.1433, 231.0287

 3.0017, 1.4227,
1.7118

281.9091,

 1.1547, 0.2334,

253.2143, 280.7151

0.3688

335.7583,
304.3630, 337.0588

■ 0.0701, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0037, 43.8201,
49.2752

■ 55.0037, 43.8201,
49.2752

■ 50.0140, 36.2826,
40.0829

■ 60.9583, 52.9941,
59.6918

■ 45.9319, 30.2781,
32.0647

■ 67.9234, 63.8876,
71.3750

■ 42.6999, 25.7010,
25.1701

■ 75.9458, 76.5852,
84.3681

■ 40.2516, 22.4296,
19.3438

■ 85.0684, 91.1642,
98.7116

■ 38.5100, 20.3214,
14.5244

■ 89.4068, 97.0908,
108.6359

■ 37.3785, 19.1956,
10.6414

■ 37.0996, 18.9520,
9.5799

Harmonies

Analogous

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



52.7530, 43.8201, 68.9855



55.0037, 43.8201, 49.2752



53.3874, 43.8201, 33.4022

Triad

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



55.0037, 43.8201, 49.2752



36.2960, 43.8201, 23.0184



35.4497, 43.8201, 83.4623

Complementary

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



55.0037, 43.8201, 49.2752



55.1395, 72.9169, 71.4933

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.



31.7724, 43.8201, 65.6183



55.0037, 43.8201, 49.2752



32.2251, 43.8201, 31.3354

Square

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



55.0037, 43.8201, 49.2752



42.1918, 43.8201, 20.7110



30.6535, 43.8201, 46.1835



41.1123, 43.8201, 91.5960

Rectangle

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



55.0037, 43.8201, 49.2752



50.4166, 43.8201, 26.3956



30.6535, 43.8201, 46.1835



33.9630, 43.8201, 78.2107

Sweetspot

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



55.0049, 43.8222, 49.2761



83.9102, 82.2567, 91.2017



52.7170, 41.8064, 86.9527



17.6893, 17.1774, 19.0821



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.



55.0049, 43.8222, 49.2761



59.3777, 44.1830, 49.1395



54.4954, 47.2098, 35.5209



15.9951, 15.8478, 17.5306



20.5571, 10.4953, 5.5843



1.7551, 0.8911, 0.7011

Inverse Universe

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



55.0049, 43.8222, 49.2761



59.3777, 44.1830, 49.1395



55.4860, 67.0966, 91.6882



15.9951, 15.8478, 17.5306



20.5571, 10.4953, 5.5843



1.7551, 0.8911, 0.7011

Previews

White Background



This preview shows how the XYZ color 55.0037, 43.8201, 49.2752 looks on a white background.

Color Contrast Check

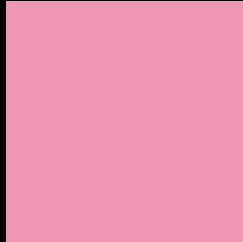
Large Text (above 18pt) WCAG AA × Fail

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 55.0037, 43.8201, 49.2752 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 55.0037, 43.8201, 49.2752

Background



This preview shows how black text looks on a background with the XYZ color 55.0037, 43.8201, 49.2752.



This preview shows how white text looks on a background with the XYZ color 55.0037, 43.8201,

49.2752.

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

55.0037, 43.8201, 49.2752

Protanopia

43.1683, 44.1502, 58.4712

Deuteranopia

44.9365, 44.1487, 47.7481



Tritanopia

53.2722, 43.8323, 41.2500

Trichromacy



Original Color

55.0037, 43.8201, 49.2752

Protanomaly

46.5114, 43.4048, 55.2168

Deuteranomaly

47.8897, 43.4669, 47.9854

Tritanomaly

54.0018, 43.8999, 44.1554

Monochromacy



Original Color

55.0037, 43.8201, 49.2752

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.0723, 44.6422, 49.8519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0037, 43.8201, 49.2752 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(239, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(239, 151, 181)  
}
```

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(239, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 151, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.0037, 43.8201, 49.2752 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(239, 151, 181) }
```


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

```
.border{ border-color:rgb(239, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(239, 151,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0037, 43.8201, 49.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 151, 181) }
```

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

```
.background{ background-color: rgb(239,  
151, 181) }
```

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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