

Converting Colors

XYZ(55.0719, 41.4551, 67.4368)

Have a look what the booklet for
XYZ(55.0719, 41.4551, 67.4368)
contains.

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Color

**XYZ(55.1609, 41.4231,
67.3755)**

Conversions

Conversions Part 1

Format	Color
Hex	E98ED4
RGB	233, 142, 212
RGB Percent	91%, 56%, 83%
CMY	0.0863, 0.4431, 0.1686
CMYK	0.00, 0.39, 0.09, 0.09
HSL	314°, 67%, 74%
HSV	314°, 39%, 91%
XYZ	55.1609, 41.4231, 67.3755
YIQ	177.1890, 31.7660, 41.0620

Conversions

Conversions Part 2

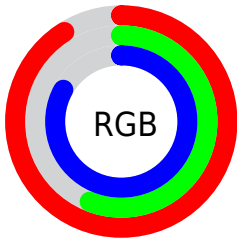
Format	Color
R _Y B	233, 142, 212
Decimal	15306452
CIE Lab	70.47, 44.34, -21.34
CIE LCh	70, 49.209, 334.299
Yxy	41.4231, 0.3364, 0.2526
Android (android.graphics.Color)	4293496532 (0xFFE98ED4)
YUV	177.1890, 17.1618, 48.9462
Hunter-Lab	64.3608, 40.3534, -17.0147

Details

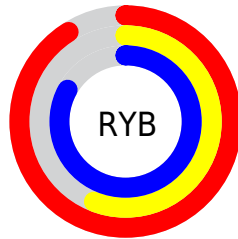
The XYZ color **55.1609, 41.4231, 67.3755** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **46.9069, 66.6742, 45.0502**, and the grayscale version is **41.7914, 43.9678, 47.8809**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **27.5627, 18.8092, 34.0761** is the 20% darker color. If you saturate the color by 10%, you get **51.3829, 34.9341, 62.8252**, and if you desaturate by 10%, it is **59.6886, 49.3740, 72.2880**.

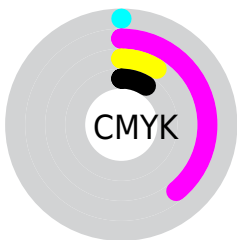
Distribution



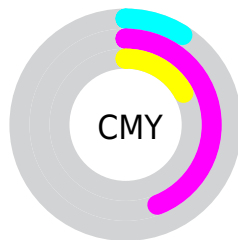
- Red (91%)
- Green (56%)
- Blue (83%)



- Red (91%)
- Yellow (56%)
- Blue (83%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1609, 41.4231, 67.3755 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 55.1609, 41.4231, 67.3755 by changing the saturation by 10% instead.

55.1609, 41.4231,
67.3755

55.1609, 41.4231,
67.3755

396.6481,
352.0859, 469.8180

39.7649, 28.6498,
48.9263

96.9236, 77.3258,
117.1041

27.5387, 18.8161,
34.1959

124.0210,
101.2239, 149.2205

18.1169, 11.5375,
22.7655

155.7497,
129.5992, 186.7298

11.1341, 6.4296,
14.2168

192.4748,
162.8360, 230.0505

6.2251, 3.1080,
8.1311

234.5619,
201.3186, 279.6012

3.0244, 1.1884,
4.0900

282.3762,

1.1667, 0.0522,

245.4316, 335.8003

1.6748

336.2831,
295.5592, 399.0664

■ 0.0798, 0.0000,
0.3434

■ 0.0000, 0.0000,
0.0000

■ 55.1609, 41.4231,
67.3755

■ 55.1609, 41.4231,
67.3755

■ 51.3829, 34.9341,
62.8252

■ 59.6886, 49.3740,
72.2880

■ 48.3050, 29.8101,
58.6183

■ 65.0038, 58.8642,
77.5751

■ 45.8777, 25.9517,
54.7376

■ 71.1466, 69.9726,
83.2516

■ 44.0429, 23.2434,
51.1626

■ 78.1529, 82.7709,
89.3305

42.7322, 21.5485,
47.8694

84.9279, 95.0691,
95.4479

41.8400, 20.6563,
44.8217

85.7339, 95.3915,
99.6923

41.7644, 20.5877,
44.5416

86.5637, 95.7235,
104.0622

87.4146, 96.0638,
108.5427

Harmonies

Analogous

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



48.8290, 41.4231, 92.9717



55.1609, 41.4231, 67.3755



57.0589, 41.4231, 41.8369

Triad

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



55.1609, 41.4231, 67.3755



38.2139, 41.4231, 13.6176



27.8429, 41.4231, 75.2410

Complementary

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



55.1609, 41.4231, 67.3755



46.9069, 66.6742, 45.0502

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.



25.7785, 41.4231, 48.5342



55.1609, 41.4231, 67.3755



31.2214, 41.4231, 17.3538

Square

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



55.1609, 41.4231, 67.3755



46.5288, 41.4231, 15.6423



26.9252, 41.4231, 28.3747



32.9884, 41.4231, 98.5006

Rectangle

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



55.1609, 41.4231, 67.3755



55.3630, 41.4231, 29.1079



26.9252, 41.4231, 28.3747



26.8003, 41.4231, 66.0899

Sweetspot

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



55.1622, 41.4250, 67.3764



84.9370, 81.5600, 100.0226



39.2257, 32.8832, 81.3712



17.9643, 17.0666, 21.2114



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.



55.1622, 41.4250, 67.3764



63.8371, 44.1947, 78.0857



50.3265, 39.4907, 41.9121



15.5575, 15.2508, 18.2208



23.7475, 11.7017, 25.5355



1.9009, 0.9333, 2.1954

Inverse Universe

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



55.1622, 41.4250, 67.3764



63.8371, 44.1947, 78.0857



51.5848, 68.5454, 69.6837



15.5575, 15.2508, 18.2208



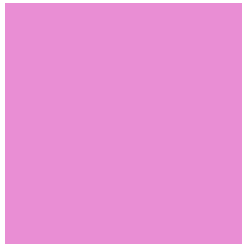
23.7475, 11.7017, 25.5355



1.9009, 0.9333, 2.1954

Previews

White Background



This preview shows how the XYZ color 55.1609, 41.4231, 67.3755 looks on a white background.

Color Contrast Check

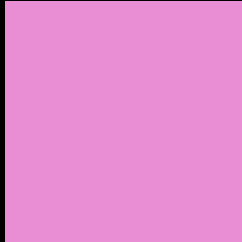
Large Text (above 18pt) WCAG AA × Fail

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 55.1609, 41.4231, 67.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

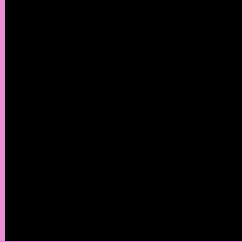
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1609, 41.4231, 67.3755

Background



This preview shows how black text looks on a background with the XYZ color 55.1609, 41.4231, 67.3755.



This preview shows how white text looks on a background with the XYZ color 55.1609, 41.4231,

67.3755.

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

55.1609, 41.4231, 67.3755

Protanopia

42.7885, 41.9776, 82.9381

Deuteranopia

42.6840, 41.7652, 64.8433



Tritanopia

49.5176, 41.4317, 40.0376

Trichromacy



Original Color

55.1609, 41.4231, 67.3755



Protanomaly

45.6899, 40.6451, 76.6713



Deuteranomaly

46.4124, 41.0018, 65.7895



Tritanomaly

51.2435, 41.1740, 48.9626

Monochromacy



Original Color

55.1609, 41.4231, 67.3755



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.5957, 42.1389, 54.4457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1609, 41.4231, 67.3755 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(233, 142, 212)` looks like.

```
.text, #text, p{  
    color:rgb(233, 142, 212)  
}
```

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(233, 142, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 142, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.1609, 41.4231, 67.3755 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(233, 142, 212) }
```


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

```
.border{ border-color:rgb(233, 142, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 142, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 142, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 142, 212);  
box-shadow:4px 4px 4px 4px rgb(233, 142,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1609, 41.4231, 67.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 142, 212) }
```

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

```
.background{ background-color: rgb(233,  
142, 212) }
```

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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