

Converting Colors

XYZ(57.6248, 41.6194, 76.2405)

Have a look what the booklet for
XYZ(57.6248, 41.6194, 76.2405)
contains.

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Color

**XYZ(57.6041, 41.6177,
76.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8AE1
RGB	237, 138, 225
RGB Percent	93%, 54%, 88%
CMY	0.0706, 0.4588, 0.1176
CMYK	0.00, 0.42, 0.05, 0.07
HSL	307°, 73%, 74%
HSV	307°, 42%, 93%
XYZ	57.6041, 41.6177, 76.2311
YIQ	177.5190, 31.0770, 48.0450

Conversions

Conversions Part 2

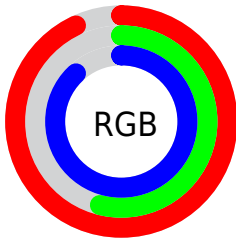
Format	Color
R _Y B	237, 138, 225
Decimal	15567585
CIE Lab	70.61, 49.83, -28.27
CIE LCh	71, 57.288, 330.432
Yxy	41.6177, 0.3283, 0.2372
Android (android.graphics.Color)	4293757665 (0xFFED8AE1)
YUV	177.5190, 23.4081, 52.1648
Hunter-Lab	64.5118, 46.4913, -24.9025

Details

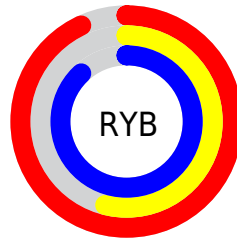
The XYZ color **57.6041, 41.6177, 76.2311** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.2722, 68.1750, 39.5770**, and the grayscale version is **41.9333, 44.1171, 48.0435**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **29.0003, 18.9453, 39.6644** is the 20% darker color. If you saturate the color by 10%, you get **54.1792, 35.3892, 73.1723**, and if you desaturate by 10%, it is **61.7801, 49.3363, 79.5736**.

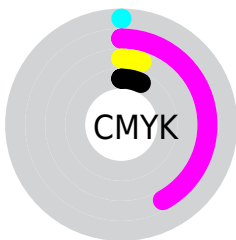
Distribution



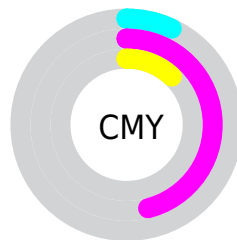
- Red (93%)
- Green (54%)
- Blue (88%)



- Red (93%)
- Yellow (54%)
- Blue (88%)



- Cyan (0%)
- Magenta (42%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6041, 41.6177, 76.2311 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 57.6041, 41.6177, 76.2311 by changing the saturation by 10% instead.


 57.6041, 41.6177,
76.2311


 57.6041, 41.6177,
76.2311

405.6868,
352.8957, 501.5063


 41.7325, 28.8021,
56.1142

 100.4724, 77.6207,
129.8166

 29.0821, 18.9311,
39.8899


 128.1998,
101.5769, 164.1223

 19.2875, 11.6205,
27.1396


 160.6098,
130.0153, 203.9948

 11.9834, 6.4858,
17.4447

198.0678,
163.3204, 249.8524

 6.8045, 3.1427,
10.3868

240.9391,
201.8766, 302.1139

 3.3854, 1.2067,
5.5472

289.5892,

 1.3607, 0.0671,

246.0683, 361.1976

2.5075

344.3833,
296.2799, 427.5223

■ 0.2280, 0.0000,
0.8441

■ 0.0000, 0.0000,
0.0000

■ 57.6041, 41.6177,
76.2311

■ 57.6041, 41.6177,
76.2311

■ 54.1792, 35.3892,
73.1723

■ 61.7801, 49.3363,
79.5736

■ 51.4527, 30.5475,
70.3783

■ 66.7475, 58.6279,
83.2122

■ 49.3711, 26.9854,
67.8315

■ 72.5486, 69.5764,
87.1616

■ 47.8718, 24.5774,
65.5108

■ 79.2215, 82.2576,
91.4346

46.8792, 23.1727,
63.3909

86.3195, 95.7784,
95.8824

46.3441, 22.5722,
61.7641

86.7483, 95.9499,
98.1405

87.1839, 96.1241,
100.4343

87.6263, 96.3011,
102.7639

88.0756, 96.4808,
105.1296

Harmonies

Analogous

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



49.5161, 41.6177, 106.8011



57.6041, 41.6177, 76.2311



60.7045, 41.6177, 44.9228

Triad

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



57.6041, 41.6177, 76.2311



39.4193, 41.6177, 10.6105



25.8402, 41.6177, 77.1979

Complementary

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



57.6041, 41.6177, 76.2311



46.2722, 68.1750, 39.5770

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.



23.9974, 41.6177, 45.7087



57.6041, 41.6177, 76.2311



31.0306, 41.6177, 13.5802

Square

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



57.6041, 41.6177, 76.2311



49.2406, 41.6177, 13.4050



25.7370, 41.6177, 24.1429



31.2332, 41.6177, 107.4986

Rectangle

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



57.6041, 41.6177, 76.2311



59.1936, 41.6177, 29.4372



25.7370, 41.6177, 24.1429



24.8274, 41.6177, 66.0689

Sweetspot

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



57.6054, 41.6196, 76.2320



84.7311, 80.3868, 102.3019



36.8715, 30.7350, 84.1108



17.7986, 16.5681, 21.6710



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.



57.6054, 41.6196, 76.2320



64.5546, 42.8324, 86.9486



51.8466, 39.3161, 45.9065



15.6316, 15.2805, 18.6114



25.3347, 12.3366, 33.8936



2.0116, 0.9776, 2.7782

Inverse Universe

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



57.6054, 41.6196, 76.2320



64.5546, 42.8324, 86.9486



51.0816, 70.0988, 64.9032



15.6316, 15.2805, 18.6114



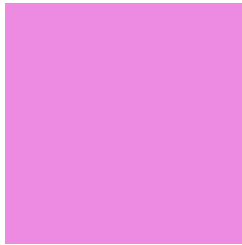
25.3347, 12.3366, 33.8936



2.0116, 0.9776, 2.7782

Previews

White Background



This preview shows how the XYZ color 57.6041, 41.6177, 76.2311 looks on a white background.

Color Contrast Check

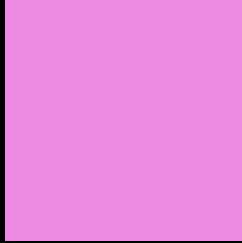
Large Text (above 18pt) WCAG AA × Fail

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 57.6041, 41.6177, 76.2311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

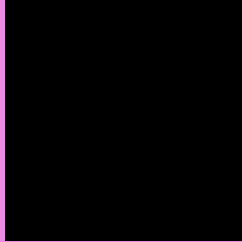
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6041, 41.6177, 76.2311

Background



This preview shows how black text looks on a background with the XYZ color 57.6041, 41.6177, 76.2311.



This preview shows how white text looks on a background with the XYZ color 57.6041, 41.6177,

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

57.6041, 41.6177, 76.2311

Protanopia

43.8428, 41.9475, 96.2284

Deuteranopia

42.8868, 41.9709, 72.8587



Tritanopia

49.9906, 41.4356, 40.0134

Trichromacy



Original Color

57.6041, 41.6177, 76.2311



Protanomaly

46.9264, 40.5079, 88.5646



Deuteranomaly

47.0162, 40.8806, 73.8193



Tritanomaly

52.4205, 41.2587, 51.6552

Monochromacy



Original Color

57.6041, 41.6177, 76.2311



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.5007, 42.2766, 57.3391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6041, 41.6177, 76.2311 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(237, 138, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 138, 225)  
}
```

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(237, 138, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 138, 225) }
```

Border

The CSS property to change the border of an element to XYZ 57.6041, 41.6177, 76.2311 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(237, 138, 225) }
```


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

```
.border{ border-color:rgb(237, 138, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 138, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 138, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 138, 225);  
box-shadow:4px 4px 4px 4px rgb(237, 138,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6041, 41.6177, 76.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 138, 225) }
```

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

```
.background{ background-color: rgb(237,  
138, 225) }
```

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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