

Converting Colors

XYZ(57.6458, 41.0704, 69.6341)

Have a look what the booklet for
XYZ(57.6458, 41.0704, 69.6341)
contains.

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Color

**XYZ(57.6766, 41.1631,
69.8711)**

Conversions

Conversions Part 1

Format	Color
Hex	F287D8
RGB	242, 135, 216
RGB Percent	95%, 53%, 85%
CMY	0.0510, 0.4706, 0.1529
CMYK	0.00, 0.44, 0.11, 0.05
HSL	315°, 80%, 74%
HSV	315°, 44%, 95%
XYZ	57.6766, 41.1631, 69.8711
YIQ	176.2270, 37.7710, 47.8750

Conversions

Conversions Part 2

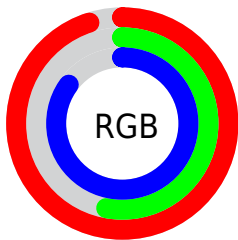
Format	Color
RYB	242, 135, 216
Decimal	15894488
CIELab	70.29, 51.37, -23.73
CIElCh	70, 56.586, 335.203
Yxy	41.1631, 0.3419, 0.2440
Android (android.graphics.Color)	4294084568 (0xFFFF287D8)
YUV	176.2270, 19.6081, 57.6829
Hunter-Lab	64.1585, 48.1890, -19.6582

Details

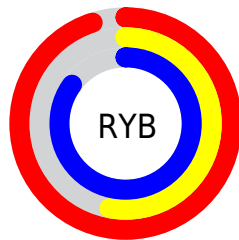
The XYZ color **57.6766, 41.1631, 69.8711** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **48.1787, 71.2297, 44.9306**, and the grayscale version is **41.2736, 43.4231, 47.2877**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **29.1426, 18.6484, 35.7817** is the 20% darker color. If you saturate the color by 10%, you get **53.9294, 34.8632, 64.9381**, and if you desaturate by 10%, it is **62.2209, 49.0123, 75.2049**.

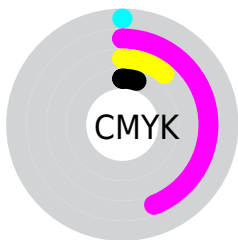
Distribution



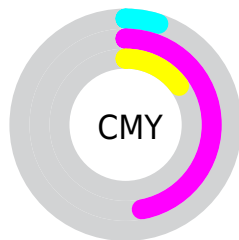
- Red (95%)
- Green (53%)
- Blue (85%)



- Red (95%)
- Yellow (53%)
- Blue (85%)



- Cyan (0%)
- Magenta (44%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6766, 41.1631, 69.8711 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 57.6766, 41.1631, 69.8711 by changing the saturation by 10% instead.

57.6766, 41.1631,
69.8711

57.6766, 41.1631,
69.8711

405.9531,
351.0018, 478.8742

41.7910, 28.4465,
50.9453

100.5774, 76.9314,
120.7043

29.1280, 18.6625,
35.7887

128.3234,
100.7520, 153.4488

19.3225, 11.4267,
23.9826

160.7534,
129.0427, 191.6366

12.0089, 6.3546,
15.1086

198.2329,
162.1879, 235.6862

6.8220, 3.0619,
8.7482

241.1273,
200.5720, 286.0163

3.3964, 1.1641,
4.4827

289.8019,

1.3667, 0.0321,

244.5794, 343.0453

1.8937

344.6220,
294.5946, 407.1917

■ 0.2323, 0.0000,
0.4887

■ 0.0000, 0.0000,
0.0000

■ 57.6766, 41.1631,
69.8711

■ 57.6766, 41.1631,
69.8711

■ 53.9294, 34.8632,
64.9381

■ 62.2209, 49.0123,
75.2049

■ 50.9225, 30.0013,
60.3842

■ 67.6063, 58.5005,
80.9543

■ 48.5975, 26.4608,
56.1892

■ 73.8784, 69.7175,
87.1363

■ 46.8855, 24.1038,
52.3285

■ 81.0780, 82.7448,
93.7657

45.7020, 22.7623,
48.7726

88.9216, 97.0147,
100.7493

45.1857, 22.3044,
46.8291

89.8359, 97.3805,
105.5641

90.4283, 97.6174,
108.6837

Harmonies

Analogous

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



50.3476, 41.1631, 100.9392



57.6766, 41.1631, 69.8711



59.7379, 41.1631, 40.3398

Triad

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



57.6766, 41.1631, 69.8711



37.5271, 41.1631, 10.7452



26.2720, 41.1631, 81.2376

Complementary

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



57.6766, 41.1631, 69.8711



48.1787, 71.2297, 44.9306

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.



23.8994, 41.1631, 49.6194



57.6766, 41.1631, 69.8711



29.7067, 41.1631, 14.6736

Square

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



57.6766, 41.1631, 69.8711



47.1014, 41.1631, 12.5789



25.0496, 41.1631, 26.6108



32.1029, 41.1631, 109.1195

Rectangle

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



57.6766, 41.1631, 69.8711



57.6072, 41.1631, 26.3790



25.0496, 41.1631, 26.6108



25.0895, 41.1631, 70.3144

Sweetspot

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



57.6779, 41.1650, 69.8719



84.1014, 80.1349, 98.9857



39.1835, 31.2112, 87.9644



17.6418, 16.5054, 20.8452



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.



57.6779, 41.1650, 69.8719



61.1444, 39.9393, 73.7046



51.9423, 38.8708, 39.6688



16.2805, 15.9619, 19.0333



24.3305, 12.0046, 25.4549



2.0628, 1.0142, 2.3216

Inverse Universe

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



57.6779, 41.1650, 69.8719



61.1444, 39.9393, 73.7046



53.8150, 73.4842, 74.6109



16.2805, 15.9619, 19.0333



24.3305, 12.0046, 25.4549



2.0628, 1.0142, 2.3216

Previews

White Background



This preview shows how the XYZ color 57.6766, 41.1631, 69.8711 looks on a white background.

Color Contrast Check

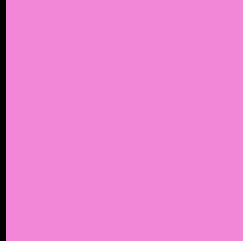
Large Text (above 18pt) WCAG AA × Fail

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 57.6766, 41.1631, 69.8711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

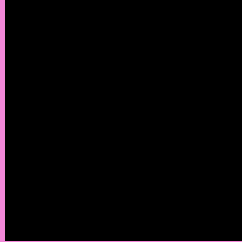
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6766, 41.1631, 69.8711

Background



This preview shows how black text looks on a background with the XYZ color 57.6766, 41.1631, 69.8711.



This preview shows how white text looks on a background with the XYZ color 57.6766, 41.1631,

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

57.6766, 41.1631, 69.8711

Protanopia

42.9794, 41.6443, 89.7773

Deuteranopia

42.3984, 41.5751, 66.7629



Tritanopia

50.8662, 40.9982, 37.5803

Trichromacy



Original Color

57.6766, 41.1631, 69.8711



Protanomaly

46.2934, 40.0644, 82.3841



Deuteranomaly

46.7056, 40.6032, 67.6629



Tritanomaly

53.2190, 41.0767, 47.7715

Monochromacy



Original Color

57.6766, 41.1631, 69.8711



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.9683, 41.5307, 54.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6766, 41.1631, 69.8711 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 135, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 135, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.6766, 41.1631, 69.8711 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, 216) }
```


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

```
.border{ border-color:rgb(242, 135, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 135, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 135, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 135,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6766, 41.1631, 69.8711 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, 216) }
```

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

```
.background{ background-color: rgb(242,  
135, 216) }
```

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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