

Converting Colors

XYZ(57.5448, 37.9169, 82.3306)

Have a look what the booklet for
XYZ(57.5448, 37.9169, 82.3306)
contains.

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Color

**XYZ(57.5029, 37.8987,
82.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	F078EA
RGB	240, 120, 234
RGB Percent	94%, 47%, 92%
CMY	0.0588, 0.5294, 0.0824
CMYK	0.00, 0.50, 0.03, 0.06
HSL	303°, 80%, 71%
HSV	303°, 50%, 94%
XYZ	57.5029, 37.8987, 82.1263
YIQ	168.8760, 34.9260, 60.8940

Conversions

Conversions Part 2

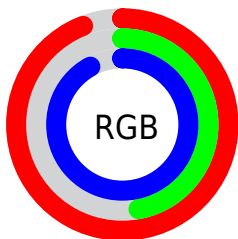
Format	Color
R _Y B	240, 120, 234
Decimal	15759594
CIE Lab	67.95, 61.05, -37.32
CIE LCh	68, 71.552, 328.561
Yxy	37.8987, 0.3239, 0.2135
Android (android.graphics.Color)	4293949674 (0xFFFF078EA)
YUV	168.8760, 32.1061, 62.3757
Hunter-Lab	61.5619, 58.9974, -36.0021

Details

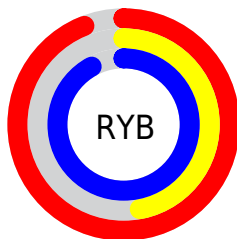
The XYZ color **57.5029, 37.8987, 82.1263** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.6734, 67.8210, 30.5826**, and the grayscale version is **37.4865, 39.4387, 42.9487**.

A 20% lighter version of the original color is **74.8153, 59.5307, 102.1551**, and **28.9253, 16.7049, 43.8193** is the 20% darker color. If you saturate the color by 10%, you get **54.7985, 32.7641, 80.3773**, and if you desaturate by 10%, it is **60.9343, 44.4836, 84.1241**.

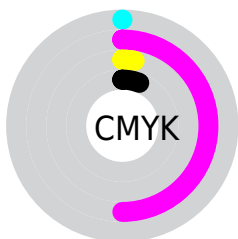
Distribution



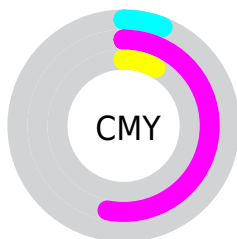
- Red (94%)
- Green (47%)
- Blue (92%)



- Red (94%)
- Yellow (47%)
- Blue (92%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5029, 37.8987, 82.1263 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 57.5029, 37.8987, 82.1263 by changing the saturation by 10% instead.

57.5029, 37.8987,
82.1263

57.5029, 37.8987,
82.1263

405.3149,
337.1852, 521.9646

41.6509, 25.9041,
60.9332

100.3257, 71.9528,
138.1894

29.0179, 16.7519,
43.7411

128.0272, 94.7812,
173.8965

19.2387, 10.0578,
30.1313

160.4093,
121.9895, 215.2786

11.9479, 5.4373,
19.6854

197.8372,
153.9622, 262.7544

6.7802, 2.5060,
11.9847

240.6764,
191.0838, 316.7424

3.3701, 0.8797,
6.6109

289.2921,

1.3524, 0.0000,

233.7385, 377.6610

3.1452

344.0498,
282.3109, 445.9289

■ 0.2219, 0.0000,
1.1693

■ 0.0000, 0.0000,
0.0000

■ 57.5029, 37.8987,
82.1263

■ 57.5029, 37.8987,
82.1263

■ 54.7985, 32.7641,
80.3773

■ 60.9343, 44.4836,
84.1241

■ 52.7621, 28.9645,
78.8564


■ 65.1381, 52.6125,
86.3848


■ 51.3320, 26.3755,
77.5433


■ 70.1607, 62.3772,
88.9242


■ 50.4332, 24.8473,
76.4130


■ 76.0438, 73.8608,
91.7563


 49.9392, 24.1270,
75.4234


 82.8261, 87.1409,
94.8938

 49.9391, 24.1269,
75.4232

 87.6030, 96.4084,
97.3688

 87.7831, 96.4805,
98.3173

 87.9644, 96.5530,
99.2720

 88.1469, 96.6260,
100.2330

Harmonies

Analogous

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



47.2343, 37.8987, 121.7368



57.5029, 37.8987, 82.1263



61.8857, 37.8987, 42.8218

Triad

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



57.5029, 37.8987, 82.1263



36.5611, 37.8987, 5.3394



20.3237, 37.8987, 77.9847

Complementary

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



57.5029, 37.8987, 82.1263



42.6734, 67.8210, 30.5826

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.



18.6037, 37.8987, 39.7468



57.5029, 37.8987, 82.1263



26.7405, 37.8987, 7.4740

Square

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



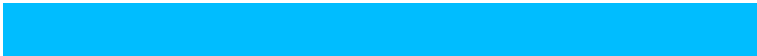
57.5029, 37.8987, 82.1263



48.3570, 37.8987, 7.9770



20.6924, 37.8987, 16.8671



25.9855, 37.8987, 118.6017

Rectangle

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



57.5029, 37.8987, 82.1263



60.3145, 37.8987, 24.6894



20.6924, 37.8987, 16.8671



19.3239, 37.8987, 63.9720

Sweetspot

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



57.5042, 37.9004, 82.1271



83.7320, 77.8543, 103.6156



31.0506, 24.1618, 85.4663



17.6216, 16.0777, 22.0326



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.



57.5042, 37.9004, 82.1271



62.8338, 37.4997, 92.2046



50.2932, 35.0160, 44.1544



16.4181, 16.0170, 19.7580



27.3523, 13.2134, 41.3675



2.2859, 1.1034, 3.4963

Inverse Universe

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



57.5042, 37.9004, 82.1271



62.8338, 37.4997, 92.2046



47.7703, 69.8598, 57.4228



16.4181, 16.0170, 19.7580



27.3523, 13.2134, 41.3675



2.2859, 1.1034, 3.4963

Previews

White Background



This preview shows how the XYZ color 57.5029, 37.8987, 82.1263 looks on a white background.

Color Contrast Check

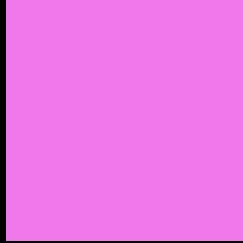
Large Text (above 18pt) WCAG AA × Fail

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 57.5029, 37.8987, 82.1263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

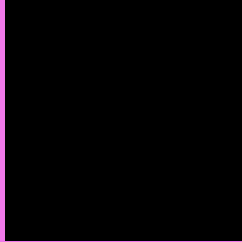
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5029, 37.8987, 82.1263

Background



This preview shows how black text looks on a background with the XYZ color 57.5029, 37.8987, 82.1263.

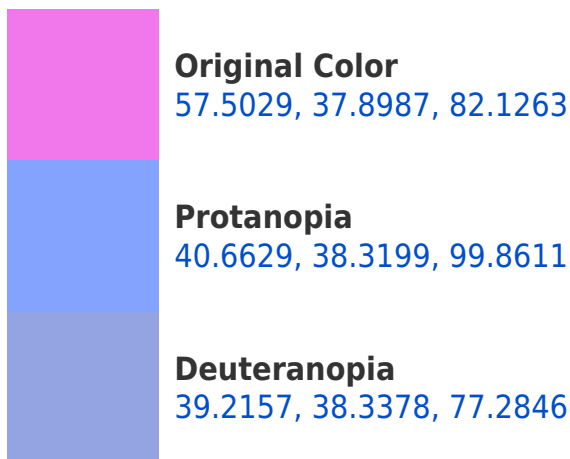


This preview shows how white text looks on a background with the XYZ color 57.5029, 37.8987,

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





Tritanopia

47.5162, 37.7812, 33.6423

Trichromacy



Original Color

57.5029, 37.8987, 82.1263



Protanomaly

44.0168, 36.2408, 92.6709



Deuteranomaly

43.7888, 36.6607, 78.8970



Tritanomaly

50.6597, 37.6037, 48.3042

Monochromacy



Original Color

57.5029, 37.8987, 82.1263



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

43.1979, 37.5856, 55.4300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5029, 37.8987, 82.1263 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(240, 120, 234)` looks like.

```
.text, #text, p{  
    color:rgb(240, 120, 234)  
}
```

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(240, 120, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 120, 234) }
```

Border

The CSS property to change the border of an element to XYZ 57.5029, 37.8987, 82.1263 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(240, 120, 234) }
```


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

```
.border{ border-color:rgb(240, 120, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 120, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 120, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 120, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 120,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5029, 37.8987, 82.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 120, 234) }
```

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

```
.background{ background-color: rgb(240,  
120, 234) }
```

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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