

Converting Colors

XYZ(57.1285, 34.1103, 86.4155)

Have a look what the booklet for
XYZ(57.1285, 34.1103, 86.4155)
contains.

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Color

**XYZ(57.2070, 34.1409,
86.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	F362F1
RGB	243, 98, 241
RGB Percent	95%, 38%, 95%
CMY	0.0471, 0.6157, 0.0549
CMYK	0.00, 0.60, 0.01, 0.05
HSL	301°, 86%, 67%
HSV	301°, 60%, 95%
XYZ	57.2070, 34.1409, 86.7938
YIQ	157.6570, 40.5170, 75.2130

Conversions

Conversions Part 2

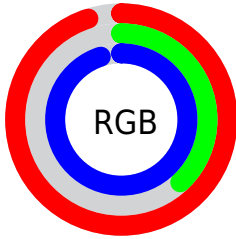
Format	Color
R _Y B	243, 98, 241
Decimal	15950577
CIE Lab	65.07, 72.70, -45.66
CIE LCh	65, 85.847, 327.869
Yxy	34.1409, 0.3211, 0.1917
Android (android.graphics.Color)	4294140657 (0xFFFF362F1)
YUV	157.6570, 41.0881, 74.8458
Hunter-Lab	58.4302, 72.5103, -47.1698

Details

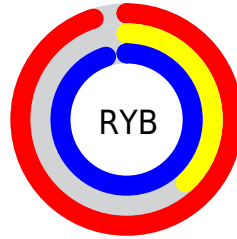
The XYZ color **57.2070, 34.1409, 86.7938** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **39.3894, 67.6194, 23.0343**, and the grayscale version is **32.1529, 33.8274, 36.8380**.

A 20% lighter version of the original color is **71.1785, 52.2569, 100.9428**, and **28.9089, 14.6310, 46.6478** is the 20% darker color. If you saturate the color by 10%, you get **55.2191, 30.2443, 85.8845**, and if you desaturate by 10%, it is **59.8874, 39.4204, 87.9349**.

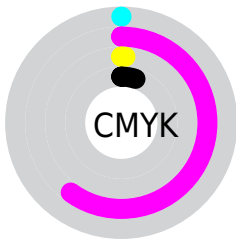
Distribution



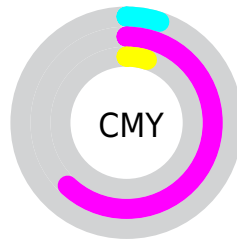
- Red (95%)
- Green (38%)
- Blue (95%)



- Red (95%)
- Yellow (38%)
- Blue (95%)



- Cyan (0%)
- Magenta (60%)
- Yellow (1%)
- Black (5%)





- Cyan (5%)
- Magenta (62%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2070, 34.1409, 86.7938 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 57.2070, 34.1409, 86.7938 by changing the saturation by 10% instead.


 57.2070, 34.1409,
86.7938


 57.2070, 34.1409,
86.7938


404.2262,
320.7599, 537.8437

 41.4122, 23.0019,
64.7659


 99.8968, 66.1527,
144.7730


 28.8304, 14.5949,
46.8212


 127.5225, 87.7943,
181.5615

 19.0962, 8.5356,
32.5410


 159.8226,
113.7055, 224.1072

 11.8442, 4.4395,
21.5068

 197.1625,
144.2707, 272.8287

 6.7092, 1.9223,
13.3001

239.9074,
179.8744, 328.1446

 3.3256, 0.5618,
7.5024

288.4227,

 1.3282, 0.0000,

220.9009, 390.4733

3.6950

343.0739,
267.7346, 460.2335

■ 0.2042, 0.0000,
1.4596

■ 0.0000, 0.0000,
0.1875

■ 57.2070, 34.1409,
86.7938

■ 57.2070, 34.1409,
86.7938

■ 55.2191, 30.2443,
85.8845

■ 59.8874, 39.4204,
87.9349

■ 53.8553, 27.5966,
85.1835


■ 63.3130, 46.1914,
89.3246

■ 53.0400, 26.0457,
84.6656


■ 67.5360, 54.5569,
90.9806


■ 52.6490, 25.3435,
84.2898


■ 72.6027, 64.6094,
92.9182


 52.6386, 25.3253,
84.2782

 78.5557, 76.4347,
95.1518

 85.4350, 90.1123,
97.6946

 88.9530, 97.0671,
99.1173

 89.0038, 97.0874,
99.3848

 89.0547, 97.1077,
99.6528

Harmonies

Analogous

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



44.9619, 34.1409, 136.5401



57.2070, 34.1409, 86.7938



62.6949, 34.1409, 39.7786

Triad

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



57.2070, 34.1409, 86.7938



33.3472, 34.1409, 2.1426



15.5676, 34.1409, 79.2607

Complementary

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



57.2070, 34.1409, 86.7938



39.3894, 67.6194, 23.0343

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.



13.9384, 34.1409, 34.6850



57.2070, 34.1409, 86.7938



22.5054, 34.1409, 3.5500

Square

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



57.2070, 34.1409, 86.7938



46.9032, 34.1409, 4.1090



16.1189, 34.1409, 11.3498



21.3202, 34.1409, 130.5676

Rectangle

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



57.2070, 34.1409, 86.7938



60.9474, 34.1409, 19.8693



16.1189, 34.1409, 11.3498



14.5958, 34.1409, 62.3988

Sweetspot

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



57.2082, 34.1425, 86.7945



82.0132, 74.0893, 104.0521



25.5839, 17.8048, 86.8835



17.1698, 15.0950, 22.1259



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.



57.2082, 34.1425, 86.7945



61.1635, 32.8754, 95.6053



48.6345, 30.7129, 41.6455



17.2032, 16.7641, 20.8166



28.8940, 13.9010, 46.2778



2.5426, 1.2230, 4.0838

Inverse Universe

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



57.2082, 34.1425, 86.7945



61.1635, 32.8754, 95.6053



44.3922, 69.6205, 49.3791



17.2032, 16.7641, 20.8166



28.8940, 13.9010, 46.2778



2.5426, 1.2230, 4.0838

Previews

White Background



This preview shows how the XYZ color 57.2070, 34.1409, 86.7938 looks on a white background.

Color Contrast Check

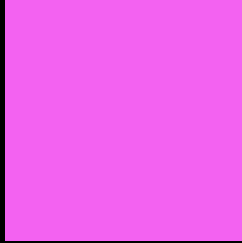
Large Text (above 18pt) WCAG AA × Fail

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 57.2070, 34.1409, 86.7938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

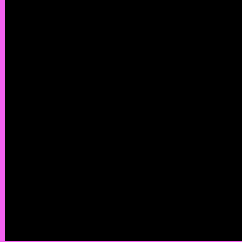
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2070, 34.1409, 86.7938

Background



This preview shows how black text looks on a background with the XYZ color 57.2070, 34.1409, 86.7938.

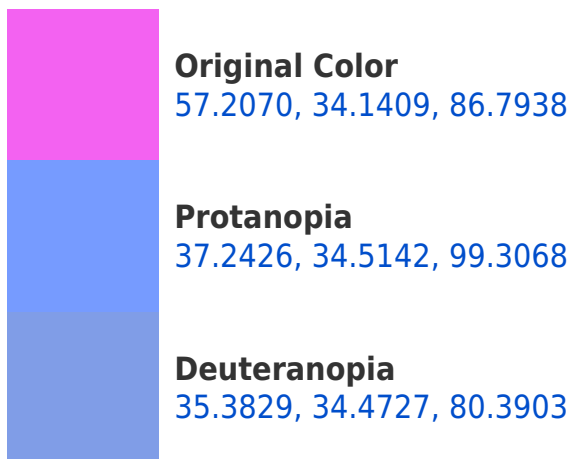


This preview shows how white text looks on a background with the XYZ color 57.2070, 34.1409,

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

44.9883, 33.9452, 27.4735

Trichromacy



Original Color

57.2070, 34.1409, 86.7938



Protanomaly

40.8847, 31.7389, 94.4138



Deuteranomaly

40.3771, 32.1525, 82.6752



Tritanomaly

48.1463, 33.2089, 43.9168

Monochromacy



Original Color

57.2070, 34.1409, 86.7938



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

38.8675, 32.0580, 51.7162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2070, 34.1409, 86.7938 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(243, 98, 241)` looks like.

```
.text, #text, p{  
    color:rgb(243, 98, 241)  
}
```

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(243, 98, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 98, 241) }
```

Border

The CSS property to change the border of an element to XYZ 57.2070, 34.1409, 86.7938 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(243, 98, 241) }
```


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

```
.border{ border-color:rgb(243, 98, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 98, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 98, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 98, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 98,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2070, 34.1409, 86.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 98, 241) }
```

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

```
.background{ background-color: rgb(243, 98,  
241) }
```

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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