

Converting Colors

XYZ(56.8117, 40.2884, 61.0176)

Have a look what the booklet for
XYZ(56.8117, 40.2884, 61.0176)
contains.

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Color

**XYZ(57.0368, 40.4072,
61.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	F684CB
RGB	246, 132, 203
RGB Percent	96%, 52%, 80%
CMY	0.0353, 0.4823, 0.2039
CMYK	0.00, 0.46, 0.17, 0.04
HSL	323°, 86%, 74%
HSV	323°, 46%, 96%
XYZ	57.0368, 40.4072, 61.2931
YIQ	174.1800, 45.1530, 46.2490

Conversions

Conversions Part 2

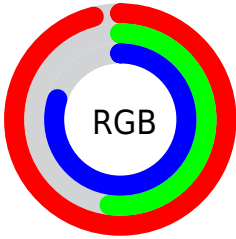
Format	Color
R _Y B	246, 132, 203
Decimal	16155851
CIE Lab	69.76, 52.09, -17.28
CIE LCh	70, 54.879, 341.649
Yxy	40.4072, 0.3593, 0.2546
Android (android.graphics.Color)	4294345931 (0xFFFF684CB)
YUV	174.1800, 14.2083, 62.9861
Hunter-Lab	63.5667, 48.9220, -12.6727

Details

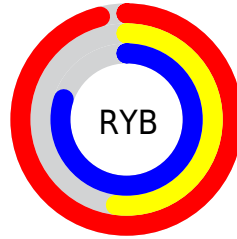
The XYZ color **57.0368, 40.4072, 61.2931** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.2112, 73.9134, 52.1811**, and the grayscale version is **40.2389, 42.3345, 46.1022**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **28.6427, 18.1835, 30.4339** is the 20% darker color. If you saturate the color by 10%, you get **53.0128, 34.0759, 54.6582**, and if you desaturate by 10%, it is **61.9159, 48.3417, 68.5404**.

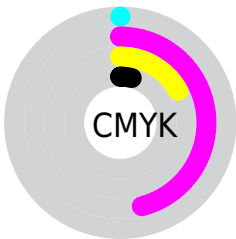
Distribution



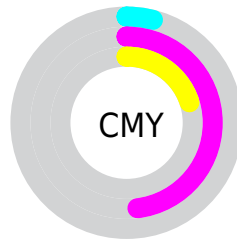
- Red (96%)
- Green (52%)
- Blue (80%)



- Red (96%)
- Yellow (52%)
- Blue (80%)



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0368, 40.4072, 61.2931 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 57.0368, 40.4072, 61.2931 by changing the saturation by 10% instead.


 57.0368, 40.4072,
61.2931


 57.0368, 40.4072,
61.2931


403.5991,
347.8369, 447.2841

 41.2750, 27.8562,
44.0297

 99.6499, 75.7832,
108.2649

 28.7227, 18.2173,
30.3565


 127.2320, 99.3769,
138.8103

 19.0144, 11.1061,
19.8550


 159.4849,
127.4204, 174.6201

 11.7847, 6.1382,
12.1066

196.7740,
160.2979, 216.1129

 6.6684, 2.9293,
6.6929

239.4646,
198.3939, 263.7071

 3.3001, 1.0949,
3.1953

287.9221,

 1.3144, 0.0000,

242.0928, 317.8214

1.1952

342.5118,
291.7790, 378.8742

■ 0.1939, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0368, 40.4072,
61.2931

■ 57.0368, 40.4072,
61.2931

■ 53.0128, 34.0759,
54.6582

■ 61.9159, 48.3417,
68.5404

■ 49.7829, 29.2292,
48.6086

■ 67.6981, 57.9752,
76.4205

■ 47.2836, 25.7415,
43.1176

■ 74.4322, 69.4031,
84.9553

■ 45.4393, 23.4635,
38.1541

■ 82.1623, 82.7117,
94.1650

■ 44.1560, 22.2093,
33.6807

■ 90.9273, 97.9774,
104.0675

■ 43.7731, 21.8997,
32.1464

■ 91.8163, 98.3330,
108.7487

Harmonies

Analogous

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



50.9320, 40.4072, 91.6941



57.0368, 40.4072, 61.2931



57.7132, 40.4072, 34.8279

Triad

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



57.0368, 40.4072, 61.2931



35.0545, 40.4072, 11.3445



26.9895, 40.4072, 85.2434

Complementary

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



57.0368, 40.4072, 61.2931



50.2112, 73.9134, 52.1811

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.



23.9705, 40.4072, 54.6477



57.0368, 40.4072, 61.2931



28.1228, 40.4072, 16.6041

Square

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



57.0368, 40.4072, 61.2931



44.0471, 40.4072, 11.9557



24.3505, 40.4072, 30.3048



33.2681, 40.4072, 108.7983

Rectangle

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



57.0368, 40.4072, 61.2931



54.8854, 40.4072, 22.9726



24.3505, 40.4072, 30.3048



25.6070, 40.4072, 75.0327

Sweetspot

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



57.0380, 40.4091, 61.2939



82.6069, 78.4625, 94.4285



42.2989, 32.1344, 91.1625



17.3123, 16.1623, 19.7621



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.



57.0380, 40.4091, 61.2939



57.6147, 37.1159, 59.4686



51.5411, 38.2103, 32.3474



16.9331, 16.6561, 19.3945



23.4346, 11.7173, 17.5288



2.1095, 1.0498, 1.8030

Inverse Universe

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



57.0380, 40.4091, 61.2939



57.6147, 37.1159, 59.4686



56.8685, 76.5763, 87.2378



16.9331, 16.6561, 19.3945



23.4346, 11.7173, 17.5288



2.1095, 1.0498, 1.8030

Previews

White Background



This preview shows how the XYZ color 57.0368, 40.4072, 61.2931 looks on a white background.

Color Contrast Check

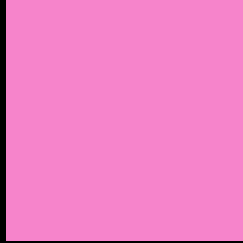
Large Text (above 18pt) WCAG AA × Fail

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 57.0368, 40.4072, 61.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

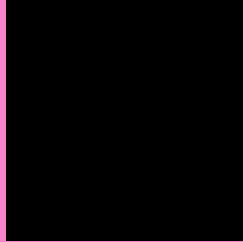
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0368, 40.4072, 61.2931

Background



This preview shows how black text looks on a background with the XYZ color 57.0368, 40.4072, 61.2931.



This preview shows how white text looks on a background with the XYZ color 57.0368, 40.4072,

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

57.0368, 40.4072, 61.2931

Protanopia

41.6573, 40.9031, 79.8283

Deuteranopia

41.5760, 40.7826, 58.5039



Tritanopia

51.6984, 40.3467, 35.1999

Trichromacy



Original Color

57.0368, 40.4072, 61.2931



Protanomaly

45.3003, 39.5090, 72.9486



Deuteranomaly

45.9518, 39.6522, 59.2646



Tritanomaly

53.4013, 40.1719, 43.4675

Monochromacy



Original Color

57.0368, 40.4072, 61.2931



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.9745, 40.5784, 51.3609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0368, 40.4072, 61.2931 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(246, 132, 203)` looks like.

```
.text, #text, p{  
    color:rgb(246, 132, 203)  
}
```

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(246, 132, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 132, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.0368, 40.4072, 61.2931 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(246, 132, 203) }
```


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

```
.border{ border-color:rgb(246, 132, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 132, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 132, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 132, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 132,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0368, 40.4072, 61.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 132, 203) }
```

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

```
.background{ background-color: rgb(246,  
132, 203) }
```

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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