

Converting Colors

XYZ(57.1990, 35.6530, 61.2773)

Have a look what the booklet for
XYZ(57.1990, 35.6530, 61.2773)
contains.

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Color

**XYZ(57.1907, 35.7228,
61.0076)**

Conversions

Conversions Part 1

Format	Color
Hex	FF69CC
RGB	255, 105, 204
RGB Percent	100%, 41%, 80%
CMY	0.0000, 0.5882, 0.2000
CMYK	0.00, 0.59, 0.20, 0.00
HSL	320°, 100%, 71%
HSV	320°, 59%, 100%
XYZ	57.1907, 35.7228, 61.0076
YIQ	161.1360, 57.6210, 62.5890

Conversions

Conversions Part 2

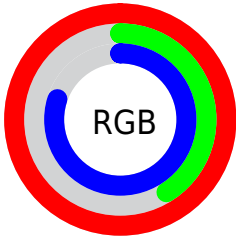
Format	Color
R _Y B	255, 105, 204
Decimal	16738764
CIE Lab	66.31, 67.34, -22.97
CIE LCh	66, 71.153, 341.165
Yxy	35.7228, 0.3716, 0.2321
Android (android.graphics.Color)	4294928844 (0xFFFF69CC)
YUV	161.1360, 21.1320, 82.3187
Hunter-Lab	59.7686, 66.2062, -18.6811

Details

The XYZ color **57.1907, 35.7228, 61.0076** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.5880, 76.9243, 43.7955**, and the grayscale version is **33.8269, 35.5886, 38.7560**.

A 20% lighter version of the original color is **72.3872, 54.6744, 101.3457**, and **28.8746, 15.5319, 30.3303** is the 20% darker color. If you saturate the color by 10%, you get **53.9605, 30.8806, 54.9422**, and if you desaturate by 10%, it is **61.2589, 42.1481, 67.6387**.

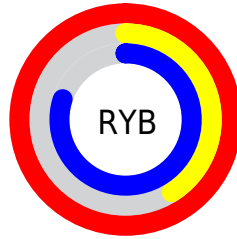
Distribution



Red (100%)

Green (41%)

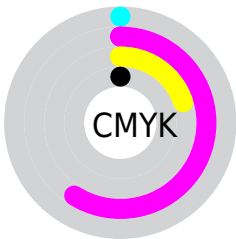
Blue (80%)



Red (100%)

Yellow (41%)

Blue (80%)

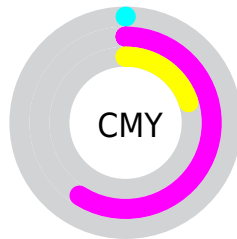


Cyan (0%)

Magenta (59%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1907, 35.7228, 61.0076 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 57.1907, 35.7228, 61.0076 by changing the saturation by 10% instead.


 57.1907, 35.7228,
61.0076

 57.1907, 35.7228,
61.0076

404.1661,
327.7473, 446.2092

 41.3991, 24.2202,
43.8007

 99.8731, 68.6040,
107.8476


 28.8201, 15.4970,
30.1778


 127.4947, 90.7514,
138.3177

 19.0884, 9.1690,
19.7204


 159.7903,
117.2158, 174.0461

 11.8385, 4.8515,
12.0099

 197.1253,
148.3816, 215.4511

 6.7052, 2.1604,
6.6278

239.8650,
184.6333, 262.9514

 3.3231, 0.6983,
3.1555

288.3748,

 1.3269, 0.0000,

226.3552, 316.9655

1.1746

343.0201,
273.9318, 377.9119

■ 0.2032, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1907, 35.7228,
61.0076

■ 57.1907, 35.7228,
61.0076

■ 53.9605, 30.8806,
54.9422

■ 61.2589, 42.1481,
67.6387

■ 51.4928, 27.4724,
49.4117

■ 66.2265, 50.2782,
74.8594

■ 49.7022, 25.3287,
44.3833

■ 72.1519, 60.2285,
82.6939

■ 48.4641, 24.2019,
39.8105

■ 79.0878, 72.1027,
91.1641

■ 48.3355, 24.0982,
39.2946

■ 87.0827, 85.9968,
100.2903

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



49.2535, 35.7228, 101.6583



57.1907, 35.7228, 61.0076



58.1979, 35.7228, 28.6317

Triad

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



57.1907, 35.7228, 61.0076



30.1495, 35.7228, 5.1020



20.7793, 35.7228, 91.5145

Complementary

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



57.1907, 35.7228, 61.0076



47.5880, 76.9243, 43.7955

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.



17.5961, 35.7228, 51.3601



57.1907, 35.7228, 61.0076



22.2037, 35.7228, 9.3844

Square

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



57.1907, 35.7228, 61.0076



40.9852, 35.7228, 5.6430



18.0564, 35.7228, 22.8998



27.7758, 35.7228, 124.7037

Rectangle

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



57.1907, 35.7228, 61.0076



54.6057, 35.7228, 15.7954



18.0564, 35.7228, 22.8998



19.3011, 35.7228, 77.7088

Sweetspot

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



57.1915, 35.7244, 61.0083



79.7032, 73.1653, 91.8879



36.6210, 24.2938, 97.3668



16.5994, 14.8668, 19.1226



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.



57.1915, 35.7244, 61.0083



53.3603, 30.0208, 53.6923



50.3221, 32.9766, 24.8343



18.5148, 18.1892, 21.3281



25.3290, 12.6209, 20.9150



2.5174, 1.2493, 2.3059

Inverse Universe

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



57.1915, 35.7244, 61.0083



53.3603, 30.0208, 53.6923



55.8697, 80.2370, 87.4065



18.5148, 18.1892, 21.3281



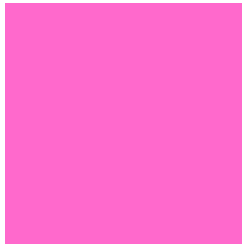
25.3290, 12.6209, 20.9150



2.5174, 1.2493, 2.3059

Previews

White Background



This preview shows how the XYZ color 57.1907, 35.7228, 61.0076 looks on a white background.

Color Contrast Check

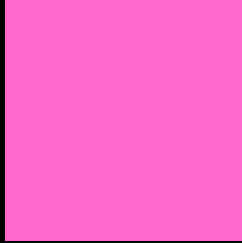
Large Text (above 18pt) WCAG AA × Fail

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 57.1907, 35.7228, 61.0076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

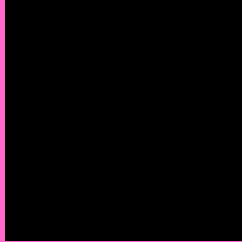
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1907, 35.7228, 61.0076

Background



This preview shows how black text looks on a background with the XYZ color 57.1907, 35.7228, 61.0076.



This preview shows how white text looks on a background with the XYZ color 57.1907, 35.7228,

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

57.1907, 35.7228, 61.0076

Protanopia

38.3953, 36.2944, 91.3681

Deuteranopia

36.6879, 35.9128, 57.2228



Tritanopia

49.7677, 35.5142, 25.7046

Trichromacy



Original Color

57.1907, 35.7228, 61.0076



Protanomaly

41.6470, 33.5255, 79.1389



Deuteranomaly

42.0471, 34.1909, 58.4162



Tritanomaly

52.2006, 35.4686, 36.4426

Monochromacy



Original Color

57.1907, 35.7228, 61.0076



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

39.9664, 33.8262, 46.0176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1907, 35.7228, 61.0076 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(255, 105, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 204)  
}
```

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(255, 105, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.1907, 35.7228, 61.0076 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(255, 105, 204) }
```


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

```
.border{ border-color:rgb(255, 105, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 105, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1907, 35.7228, 61.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 204) }
```

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

```
.background{ background-color: rgb(255,  
105, 204) }
```

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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