

Converting Colors

XYZ(57.8033, 36.3143, 63.1656)

Have a look what the booklet for
XYZ(57.8033, 36.3143, 63.1656)
contains.

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Color

**XYZ(57.7602, 36.2804,
62.9900)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF6BCF |
| RGB | 255, 107, 207 |
| RGB Percent | 100%, 42%, 81% |
| CMY | 0.0000, 0.5804, 0.1882 |
| CMYK | 0.00, 0.58, 0.19, 0.00 |
| HSL | 319°, 100%, 71% |
| HSV | 319°, 58%, 100% |
| XYZ | 57.7602, 36.2804, 62.9900 |
| YIQ | 162.6520, 56.1080, 62.4760 |

Conversions

Conversions Part 2

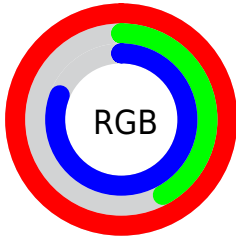
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 107, 207 |
| Decimal | 16739279 |
| CIE Lab | 66.73, 66.90, -24.00 |
| CIE LCh | 67, 71.078, 340.263 |
| Yxy | 36.2804, 0.3678, 0.2310 |
| Android (android.graphics.Color) | 4294929359 (0xFFFF6BCF) |
| YUV | 162.6520, 21.8636, 80.9892 |
| Hunter-Lab | 60.2332, 65.7631, -19.8404 |

Details

The XYZ color **57.7602, 36.2804, 62.9900** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.7413, 77.0131, 43.3623**, and the grayscale version is **34.5320, 36.3303, 39.5638**.

A 20% lighter version of the original color is **72.5655, 55.0309, 101.4052**, and **29.1502, 15.8231, 31.2235** is the 20% darker color. If you saturate the color by 10%, you get **54.4978, 31.3316, 57.0439**, and if you desaturate by 10%, it is **61.8609, 42.8208, 69.4777**.

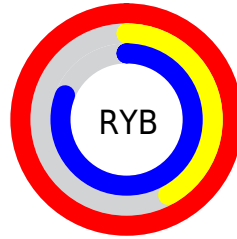
Distribution



Red (100%)

Green (42%)

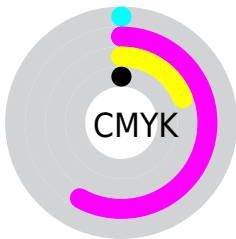
Blue (81%)



Red (100%)

Yellow (42%)

Blue (81%)

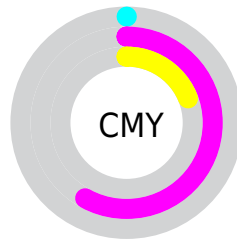


Cyan (0%)

Magenta (58%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7602, 36.2804, 62.9900 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 57.7602, 36.2804, 62.9900 by changing the saturation by 10% instead.


 57.7602, 36.2804,
62.9900


 57.7602, 36.2804,
62.9900

406.2601,
330.1845, 453.6401


 41.8584, 24.6508,
45.3922


 100.6985, 69.4646,
110.7405

 29.1811, 15.8171,
31.4212


 128.4658, 91.7881,
141.7303

 19.3628, 9.3948,
20.6587


 160.9189,
118.4450, 178.0211

 12.0383, 4.9996,
12.6859

198.4233,
149.8197, 220.0316

 6.8421, 2.2470,
7.0845

241.3442,
186.2966, 268.1801

 3.4090, 0.7455,
3.4357

290.0471,

 1.3736, 0.0000,

228.2601, 322.8854

1.3212

344.8973,
276.0946, 384.5659

■ 0.2373, 0.0000,
0.0791

■ 0.0000, 0.0000,
0.0000

■ 57.7602, 36.2804,
62.9900

■ 57.7602, 36.2804,
62.9900

■ 54.4978, 31.3316,
57.0439

■ 61.8609, 42.8208,
69.4777

■ 51.9991, 27.8269,
51.6094


■ 66.8607, 51.0734,
76.5299


■ 50.1803, 25.5997,
46.6548

■ 72.8173, 61.1524,
84.1700

■ 48.9264, 24.4215,
42.1377

■ 79.7829, 73.1610,
92.4192

 48.7147, 24.2499,
41.2911

 87.8058, 87.1945,
101.2972

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.



49.5999, 36.2804, 103.8719



57.7602, 36.2804, 62.9900



59.0124, 36.2804, 29.8888

Triad

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



57.7602, 36.2804, 62.9900



30.9388, 36.2804, 5.2303



21.0208, 36.2804, 91.2783

Complementary

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



57.7602, 36.2804, 62.9900



47.7413, 77.0131, 43.3623

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.



17.9131, 36.2804, 50.9855



57.7602, 36.2804, 62.9900



22.8002, 36.2804, 9.4037

Square

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



57.7602, 36.2804, 62.9900



41.9261, 36.2804, 5.9139



18.4888, 36.2804, 22.7282



27.9782, 36.2804, 125.2313

Rectangle

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



57.7602, 36.2804, 62.9900



55.5349, 36.2804, 16.5908



18.4888, 36.2804, 22.7282



19.5640, 36.2804, 77.3624

Sweetspot

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



57.7611, 36.2820, 62.9907



80.5643, 74.5194, 93.3096



36.6106, 24.5945, 97.4254



16.9220, 15.3907, 19.6039



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.



57.7611, 36.2820, 62.9907



53.9492, 30.5341, 55.9372



50.8113, 33.5021, 26.3939



18.5274, 18.1943, 21.3942



25.5259, 12.6997, 21.9517



2.5355, 1.2566, 2.4015

Inverse Universe

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



57.7611, 36.2820, 62.9907



53.9492, 30.5341, 55.9372



55.8096, 80.2404, 85.8493



18.5274, 18.1943, 21.3942



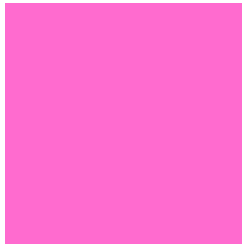
25.5259, 12.6997, 21.9517



2.5355, 1.2566, 2.4015

Previews

White Background



This preview shows how the XYZ color 57.7602, 36.2804, 62.9900 looks on a white background.

Color Contrast Check

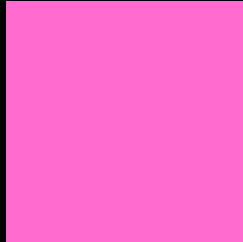
Large Text (above 18pt) WCAG AA × Fail

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 57.7602, 36.2804, 62.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

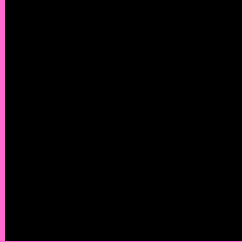
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7602, 36.2804, 62.9900

Background



This preview shows how black text looks on a background with the XYZ color 57.7602, 36.2804, 62.9900.



This preview shows how white text looks on a background with the XYZ color 57.7602, 36.2804,

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

57.7602, 36.2804, 62.9900

Protanopia

38.8750, 36.7625, 93.0426

Deuteranopia

37.2041, 36.3934, 59.0966



Tritanopia

50.2787, 36.3171, 26.5502

Trichromacy



Original Color

57.7602, 36.2804, 62.9900



Protanomaly

42.2218, 34.2231, 80.7243



Deuteranomaly

42.5444, 34.6225, 60.3176



Tritanomaly

52.6073, 36.0042, 37.4345

Monochromacy



Original Color

57.7602, 36.2804, 62.9900



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

40.7241, 34.6354, 47.1867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7602, 36.2804, 62.9900 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, 107, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 207)  
}
```

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, 107, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.7602, 36.2804, 62.9900 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, 107, 207) }
```


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

```
.border{ border-color:rgb(255, 107, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7602, 36.2804, 62.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 207) }
```

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

```
.background{ background-color: rgb(255,  
107, 207) }
```

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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