

Converting Colors

XYZ(57.5972, 36.0646, 72.2287)

Have a look what the booklet for
XYZ(57.5972, 36.0646, 72.2287)
contains.

XYZ(57.7332, 36.0598, 72.3240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.7332, 36.0598,
72.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6BDD
RGB	250, 107, 221
RGB Percent	98%, 42%, 87%
CMY	0.0196, 0.5804, 0.1333
CMYK	0.00, 0.57, 0.12, 0.02
HSL	312°, 93%, 70%
HSV	312°, 57%, 98%
XYZ	57.7332, 36.0598, 72.3240
YIQ	162.7530, 48.6340, 65.7700

Conversions

Conversions Part 2

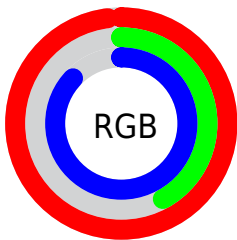
Format	Color
RYB	250, 107, 221
Decimal	16411613
CIELab	66.57, 67.56, -32.15
CIElCh	67, 74.820, 334.552
Yxy	36.0598, 0.3475, 0.2171
Android (android.graphics.Color)	4294601693 (0xFFFA6BDD)
YUV	162.7530, 28.7158, 76.5156
Hunter-Lab	60.0498, 66.5266, -29.3740

Details

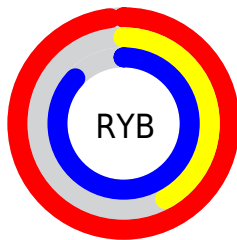
The XYZ color **57.7332, 36.0598, 72.3240** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **44.6946, 73.2759, 35.0833**, and the grayscale version is **34.5507, 36.3500, 39.5852**.

A 20% lighter version of the original color is **72.5655, 55.0309, 101.4052**, and **29.0951, 15.6543, 37.5645** is the 20% darker color. If you saturate the color by 10%, you get **54.8282, 31.3141, 68.0731**, and if you desaturate by 10%, it is **61.4142, 42.3235, 76.9349**.

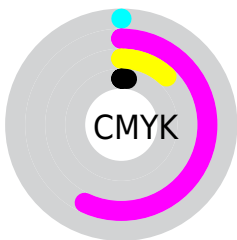
Distribution



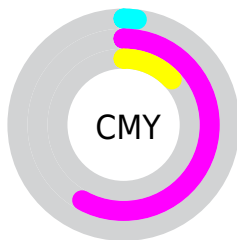
- Red (98%)
- Green (42%)
- Blue (87%)



- Red (98%)
- Yellow (42%)
- Blue (87%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7332, 36.0598, 72.3240 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 57.7332, 36.0598, 72.3240 by changing the saturation by 10% instead.


 57.7332, 36.0598,
72.3240


 57.7332, 36.0598,
72.3240

406.1609,
329.2218, 487.6764


 41.8366, 24.4804,
52.9349


 100.6594, 69.1244,
124.2291

 29.1639, 15.6904,
37.3635


 128.4198, 91.3783,
157.5821

 19.3498, 9.3053,
25.1910


 160.8655,
117.9592, 196.4270

 12.0288, 4.9409,
15.9991

 198.3618,
149.2514, 241.1821

 6.8356, 2.2126,
9.3692

241.2742,
185.6394, 292.2661

 3.4049, 0.7269,
4.8827

289.9679,

 1.3713, 0.0000,

227.5076, 350.0974

2.1211

344.8084,
275.2402, 415.0947

■ 0.2357, 0.0000,
0.6283

■ 0.0000, 0.0000,
0.0000

■ 57.7332, 36.0598,
72.3240

■ 57.7332, 36.0598,
72.3240

■ 54.8282, 31.3141,
68.0731

■ 61.4142, 42.3235,
76.9349

■ 52.6286, 27.9473,
64.1567

■ 65.9267, 50.2180,
81.9242

■ 51.0565, 25.8036,
60.5484

■ 71.3252, 59.8515,
87.3112

■ 50.0105, 24.6802,
57.2135

■ 77.6586, 71.3211,
93.1131

49.7683, 24.4616,
56.3134

84.9721, 84.7171,
99.3457

92.6640, 98.8359,
105.8094

93.2348, 99.0642,
108.8150

Harmonies

Analogous

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



48.0539, 36.0598, 115.5080



57.7332, 36.0598, 72.3240



60.6537, 36.0598, 34.5514

Triad

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



57.7332, 36.0598, 72.3240



32.5865, 36.0598, 4.2364



19.3749, 36.0598, 85.8818

Complementary

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



57.7332, 36.0598, 72.3240



44.6946, 73.2759, 35.0833

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.



16.9258, 36.0598, 44.3846



57.7332, 36.0598, 72.3240



23.4174, 36.0598, 7.1616

Square

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



57.7332, 36.0598, 72.3240



44.4265, 36.0598, 5.6946



18.2254, 36.0598, 18.2171



25.7992, 36.0598, 125.8933

Rectangle

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



57.7332, 36.0598, 72.3240



57.9355, 36.0598, 18.7475



18.2254, 36.0598, 18.2171



18.1319, 36.0598, 71.0148

Sweetspot

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



57.7344, 36.0615, 72.3247



81.3626, 74.8388, 97.5135



32.6033, 22.6203, 93.0912



17.1117, 15.4666, 20.6027



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.



57.7344, 36.0615, 72.3247



56.8674, 31.9903, 70.4135



50.1805, 33.0400, 32.5467



17.8333, 17.4607, 20.9781



26.4516, 12.9964, 30.1504



2.4867, 1.2184, 2.9865

Inverse Universe

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



57.7344, 36.0615, 72.3247



56.8674, 31.9903, 70.4135



51.5253, 76.0082, 71.0528



17.8333, 17.4607, 20.9781



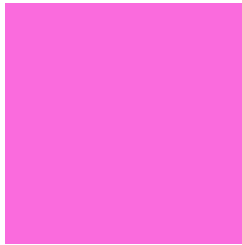
26.4516, 12.9964, 30.1504



2.4867, 1.2184, 2.9865

Previews

White Background



This preview shows how the XYZ color 57.7332, 36.0598, 72.3240 looks on a white background.

Color Contrast Check

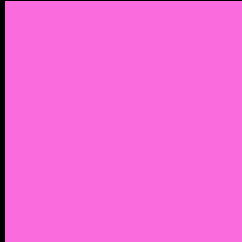
Large Text (above 18pt) WCAG AA × Fail

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 57.7332, 36.0598, 72.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

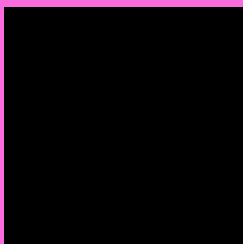
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7332, 36.0598, 72.3240

Background



This preview shows how black text looks on a background with the XYZ color 57.7332, 36.0598, 72.3240.



This preview shows how white text looks on a background with the XYZ color 57.7332, 36.0598,

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

57.7332, 36.0598, 72.3240

Protanopia

39.0523, 36.4519, 99.5854

Deuteranopia

37.0443, 36.1290, 67.3085



Tritanopia

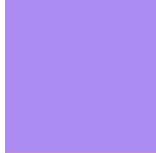
48.5102, 35.9453, 28.0483

Trichromacy



Original Color

57.7332, 36.0598, 72.3240



Protanomaly

42.3503, 33.8852, 89.1024



Deuteranomaly

42.1373, 34.2273, 68.6756



Tritanomaly

51.0926, 35.4932, 41.2038

Monochromacy



Original Color

57.7332, 36.0598, 72.3240



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

40.9799, 34.7077, 49.8868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7332, 36.0598, 72.3240 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(250, 107, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 221)  
}
```

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(250, 107, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 221) }
```

Border

The CSS property to change the border of an element to XYZ 57.7332, 36.0598, 72.3240 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(250, 107, 221) }
```


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

```
.border{ border-color:rgb(250, 107, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 107, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7332, 36.0598, 72.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 221) }
```

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

```
.background{ background-color: rgb(250,  
107, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor