

Converting Colors

XYZ(72.9178, 42.3203, 69.9524)

Have a look what the booklet for
XYZ(72.9178, 42.3203, 69.9524)
contains.

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Color

**XYZ(57.9473, 34.6355,
69.2768)**

Conversions

Conversions Part 1

Format	Color
Hex	FF60D9
RGB	255, 96, 217
RGB Percent	100%, 38%, 85%
CMY	0.0000, 0.6235, 0.1490
CMYK	0.00, 0.62, 0.15, 0.00
HSL	314°, 100%, 69%
HSV	314°, 62%, 100%
XYZ	57.9473, 34.6355, 69.2768
YIQ	157.3350, 55.9230, 71.3390

Conversions

Conversions Part 2

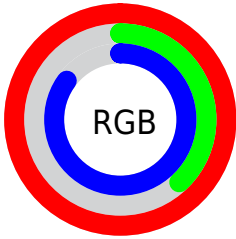
Format	Color
RYB	255, 96, 217
Decimal	16736473
CIELab	65.46, 72.83, -31.56
CIElCh	65, 79.377, 336.570
Yxy	34.6355, 0.3580, 0.2140
Android (android.graphics.Color)	4294926553 (0xFFFF60D9)
YUV	157.3350, 29.4148, 85.6522
Hunter-Lab	58.8519, 72.7653, -28.5961

Details

The XYZ color **57.9473, 34.6355, 69.2768** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **44.8883, 75.7287, 34.8082**, and the grayscale version is **32.0541, 33.7234, 36.7247**.

A 20% lighter version of the original color is **71.0113, 51.9227, 100.8871**, and **29.3749, 14.9060, 35.5113** is the 20% darker color. If you saturate the color by 10%, you get **55.2082, 30.4026, 64.5248**, and if you desaturate by 10%, it is **61.4714, 40.3914, 74.4357**.

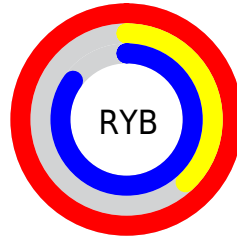
Distribution



Red (100%)

Green (38%)

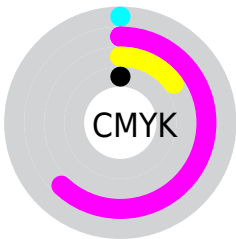
Blue (85%)



Red (100%)

Yellow (38%)

Blue (85%)

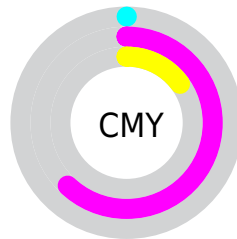


Cyan (0%)

Magenta (62%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9473, 34.6355, 69.2768 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 57.9473, 34.6355, 69.2768 by changing the saturation by 10% instead.


 57.9473, 34.6355,
69.2768

 57.9473, 34.6355,
69.2768


406.9466,
322.9565, 476.7270


 42.0094, 23.3822,
50.4640


 100.9695, 66.9207,
119.8483


 29.2998, 14.8760,
35.4085


 128.7845, 88.7214,
152.4440

 19.4531, 8.7324,
23.6916

 161.2893,
114.8068, 190.4712

 12.1041, 4.5671,
14.8949

 198.8491,
145.5611, 234.3483

 6.8873, 1.9956,
8.5999

241.8294,
181.3689, 284.4939

 3.4374, 0.6049,
4.3879

290.5955,

 1.3891, 0.0000,

222.6144, 341.3265

1.8405

345.5128,
269.6822, 405.2647

■ 0.2484, 0.0000,
0.4545

■ 0.0000, 0.0000,
0.0000

■ 57.9473, 34.6355,
69.2768

■ 57.9473, 34.6355,
69.2768

■ 55.2082, 30.4026,
64.5248

■ 61.4714, 40.3914,
74.4357

■ 53.1754, 27.5361,
60.1507

■ 65.8443, 47.7977,
80.0232

■ 51.7575, 25.8535,
56.1230

■ 71.1259, 56.9734,
86.0610

■ 50.9837, 25.1575,
53.2398

■ 77.3698, 68.0254,
92.5684

84.6253, 81.0519,
99.5635

92.9384, 96.1444,
107.0629

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.



48.0936, 34.6355, 115.8963



57.9473, 34.6355, 69.2768



60.4524, 34.6355, 30.8593

Triad

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



57.9473, 34.6355, 69.2768



30.4311, 34.6355, 3.1812



18.0481, 34.6355, 90.0739

Complementary

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



57.9473, 34.6355, 69.2768



44.8883, 75.7287, 34.8082

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.



15.3491, 34.6355, 45.5112



57.9473, 34.6355, 69.2768



21.3295, 34.6355, 6.1424

Square

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



57.9473, 34.6355, 69.2768



42.6190, 34.6355, 4.2087



16.3905, 34.6355, 17.5737



24.8168, 34.6355, 132.0582

Rectangle

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



57.9473, 34.6355, 69.2768



57.1968, 34.6355, 15.7333



16.3905, 34.6355, 17.5737



16.7174, 34.6355, 74.1499

Sweetspot

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



57.9481, 34.6370, 69.2774



79.6852, 72.1644, 94.8565



31.9232, 20.5824, 96.8980



16.6312, 14.6867, 19.8843



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.



57.9481, 34.6370, 69.2774



54.6040, 29.5165, 63.3299



50.0405, 31.4740, 27.6368



18.5961, 18.2218, 21.7563



26.7014, 13.1699, 28.1420



2.6423, 1.2993, 2.9637

Inverse Universe

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



57.9481, 34.6370, 69.2774



54.6040, 29.5165, 63.3299



52.5445, 78.7911, 75.1252



18.5961, 18.2218, 21.7563



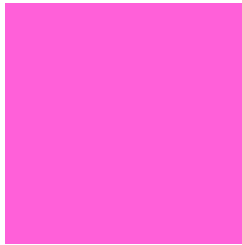
26.7014, 13.1699, 28.1420



2.6423, 1.2993, 2.9637

Previews

White Background



This preview shows how the XYZ color 57.9473, 34.6355, 69.2768 looks on a white background.

Color Contrast Check

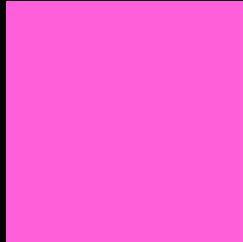
Large Text (above 18pt) WCAG AA × Fail

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 57.9473, 34.6355, 69.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

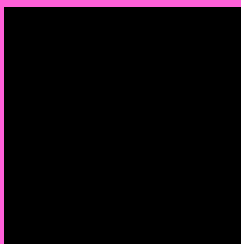
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9473, 34.6355, 69.2768

Background



This preview shows how black text looks on a background with the XYZ color 57.9473, 34.6355, 69.2768.



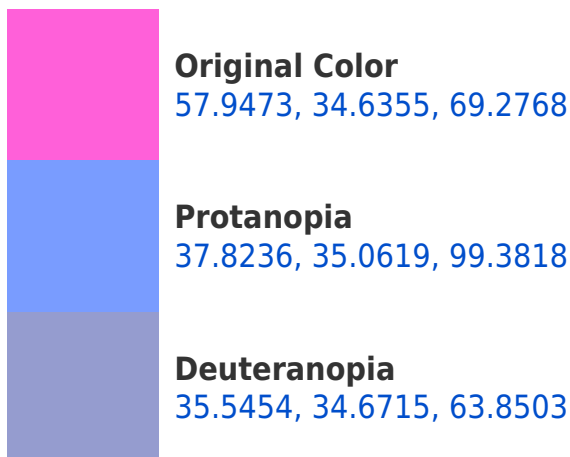
This preview shows how white text looks on a background with the XYZ color 57.9473, 34.6355,

69.2768.

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

48.6188, 34.5843, 24.5350

Trichromacy



Original Color

57.9473, 34.6355, 69.2768



Protanomaly

40.9798, 31.9471, 87.2256



Deuteranomaly

41.0220, 32.4447, 65.7284



Tritanomaly

51.0965, 34.0467, 37.1363

Monochromacy



Original Color

57.9473, 34.6355, 69.2768



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

38.7930, 31.9201, 46.7644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9473, 34.6355, 69.2768 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, 96, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 217)  
}
```

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, 96, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.9473, 34.6355, 69.2768 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, 96, 217) }
```


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

```
.border{ border-color:rgb(255, 96, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9473, 34.6355, 69.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 217) }
```

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

```
.background{ background-color: rgb(255, 96,  
217) }
```

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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