

Converting Colors

XYZ(79.8336, 47.2348, 66.1133)

Have a look what the booklet for
XYZ(79.8336, 47.2348, 66.1133)
contains.

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Color

**XYZ(57.9244, 36.0163,
64.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	FF69D2
RGB	255, 105, 210
RGB Percent	100%, 41%, 82%
CMY	0.0000, 0.5882, 0.1765
CMYK	0.00, 0.59, 0.18, 0.00
HSL	318°, 100%, 71%
HSV	318°, 59%, 100%
XYZ	57.9244, 36.0163, 64.8717
YIQ	161.8200, 55.6950, 64.4550

Conversions

Conversions Part 2

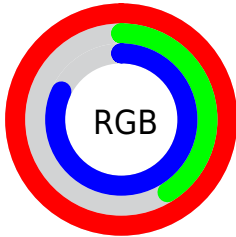
Format	Color
R _Y B	255, 105, 210
Decimal	16738770
CIE Lab	66.53, 68.17, -25.99
CIE LCh	67, 72.959, 339.128
Yxy	36.0163, 0.3647, 0.2268
Android (android.graphics.Color)	4294928850 (0xFFFF69D2)
YUV	161.8200, 23.7527, 81.7189
Hunter-Lab	60.0136, 67.2623, -22.0800

Details

The XYZ color **57.9244, 36.0163, 64.8717** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.0922, 76.7260, 41.1848**, and the grayscale version is **34.1341, 35.9117, 39.1079**.

A 20% lighter version of the original color is **72.3872, 54.6744, 101.3457**, and **29.2500, 15.6246, 32.4845** is the 20% darker color. If you saturate the color by 10%, you get **54.7750, 31.2064, 59.2314**, and if you desaturate by 10%, it is **61.8996, 42.4044, 71.0129**.

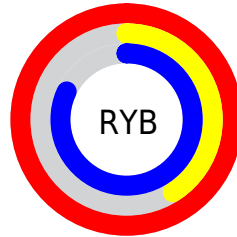
Distribution



Red (100%)

Green (41%)

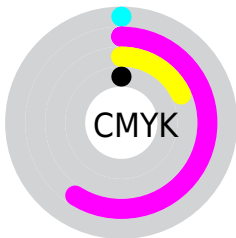
Blue (82%)



Red (100%)

Yellow (41%)

Blue (82%)

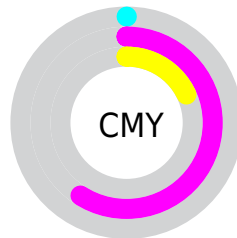


Cyan (0%)

Magenta (59%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9244, 36.0163, 64.8717 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 57.9244, 36.0163, 64.8717 by changing the saturation by 10% instead.


 57.9244, 36.0163,
64.8717

 57.9244, 36.0163,
64.8717

406.8626,
329.0318, 460.6244


 41.9909, 24.4468,
46.9064

 100.9364, 69.0572,
113.4769


 29.2852, 15.6654,
32.6078

 128.7455, 91.2974,
144.9538

 19.4421, 9.2877,
21.5575


 161.2440,
117.8633, 181.7717

 12.0960, 4.9293,
13.3369

 198.7970,
149.1393, 224.3491

 6.8818, 2.2058,
7.5275

241.7701,
185.5097, 273.1045

 3.4339, 0.7232,
3.7107

290.5284,

 1.3872, 0.0000,

227.3590, 328.4565

1.4680

345.4375,
275.0716, 390.8236

■ 0.2471, 0.0000,
0.1939

■ 0.0000, 0.0000,
0.0000

■ 57.9244, 36.0163,
64.8717

■ 57.9244, 36.0163,
64.8717

■ 54.7750, 31.2064,
59.2314

■ 61.8996, 42.4044,
71.0129

■ 52.3760, 27.8257,
54.0625

■ 66.7616, 50.4923,
77.6771

■ 50.6424, 25.7048,
49.3341

■ 72.5684, 60.3951,
84.8872

■ 49.4498, 24.5962,
45.0012

■ 79.3725, 72.2166,
92.6634

■ 49.3259, 24.4944,
44.5098

■ 87.2222, 86.0526,
101.0249

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.



49.3180, 36.0163, 107.0870



57.9244, 36.0163, 64.8717



59.5228, 36.0163, 30.4039

Triad

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



57.9244, 36.0163, 64.8717



30.9987, 36.0163, 4.7210



20.3553, 36.0163, 90.9250

Complementary

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



57.9244, 36.0163, 64.8717



47.0922, 76.7260, 41.1848

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.



17.3638, 36.0163, 49.5840



57.9244, 36.0163, 64.8717



22.5872, 36.0163, 8.5667

Square

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



57.9244, 36.0163, 64.8717



42.2982, 36.0163, 5.5435



18.0829, 36.0163, 21.4113



27.2633, 36.0163, 126.8905

Rectangle

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



57.9244, 36.0163, 64.8717



56.1238, 36.0163, 16.5725



18.0829, 36.0163, 21.4113



18.9333, 36.0163, 76.5142

Sweetspot

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



57.9253, 36.0180, 64.8724



79.9765, 73.2746, 93.3271



35.6811, 23.8093, 97.3228



16.6665, 14.8936, 19.4758



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.



57.9253, 36.0180, 64.8724



54.1908, 30.3530, 58.0655



50.6660, 33.1142, 26.6453



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6215



2.5646, 1.2682, 2.5545

Inverse Universe

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



57.9253, 36.0180, 64.8724



54.1908, 30.3530, 58.0655



55.1775, 79.9601, 83.7610



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6215



2.5646, 1.2682, 2.5545

Previews

White Background



This preview shows how the XYZ color 57.9244, 36.0163, 64.8717 looks on a white background.

Color Contrast Check

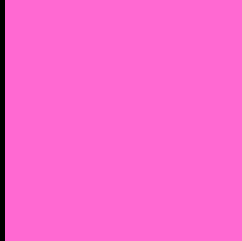
Large Text (above 18pt) WCAG AA × Fail

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 57.9244, 36.0163, 64.8717 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 57.9244, 36.0163, 64.8717

Background



This preview shows how black text looks on a background with the XYZ color 57.9244, 36.0163, 64.8717.



This preview shows how white text looks on a background with the XYZ color 57.9244, 36.0163,

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

57.9244, 36.0163, 64.8717

Protanopia

38.8709, 36.4137, 97.0753

Deuteranopia

37.0413, 36.2824, 60.3093



Tritanopia

49.7991, 35.8829, 26.4917

Trichromacy



Original Color

57.9244, 36.0163, 64.8717



Protanomaly

41.9742, 33.5783, 84.3897



Deuteranomaly

42.1240, 34.1623, 61.5006



Tritanomaly

52.2187, 35.6198, 37.8413

Monochromacy



Original Color

57.9244, 36.0163, 64.8717



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

40.4265, 34.0402, 47.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9244, 36.0163, 64.8717 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.9244, 36.0163, 64.8717 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, 210) }
```


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

```
.border{ border-color:rgb(255, 105, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9244, 36.0163, 64.8717 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
105, 210) }
```

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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