

Converting Colors

XYZ(108.3336, 60.9373,
68.8689)

Have a look what the booklet for
XYZ(108.3336, 60.9373, 68.8689)
contains.

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Color

**XYZ(57.6179, 34.7995,
66.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	FF62D5
RGB	255, 98, 213
RGB Percent	100%, 38%, 84%
CMY	0.0000, 0.6157, 0.1647
CMYK	0.00, 0.62, 0.16, 0.00
HSL	316°, 100%, 69%
HSV	316°, 62%, 100%
XYZ	57.6179, 34.7995, 66.6310
YIQ	158.0530, 56.6570, 69.0490

Conversions

Conversions Part 2

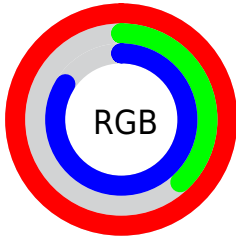
Format	Color
R _Y B	255, 98, 213
Decimal	16736981
CIE Lab	65.59, 71.47, -29.12
CIE LCh	66, 77.180, 337.831
Yxy	34.7995, 0.3623, 0.2188
Android (android.graphics.Color)	4294927061 (0xFFFF62D5)
YUV	158.0530, 27.0889, 85.0225
Hunter-Lab	58.9911, 71.1104, -25.6748

Details

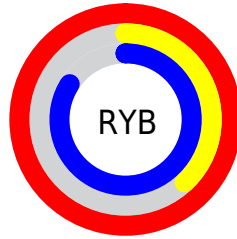
The XYZ color **57.6179, 34.7995, 66.6310** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.5321, 76.0108, 37.0858**, and the grayscale version is **32.3880, 34.0747, 37.1074**.

A 20% lighter version of the original color is **71.1785, 52.2569, 100.9428**, and **29.1415, 14.9993, 33.7070** is the 20% darker color. If you saturate the color by 10%, you get **54.7527, 30.4257, 61.4934**, and if you desaturate by 10%, it is **61.2810, 40.7103, 72.2150**.

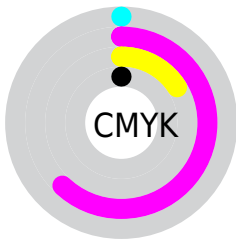
Distribution



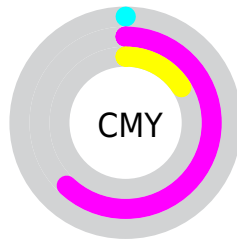
- Red (100%)
- Green (38%)
- Blue (84%)



- Red (100%)
- Yellow (38%)
- Blue (84%)



- Cyan (0%)
- Magenta (62%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6179, 34.7995, 66.6310 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 57.6179, 34.7995, 66.6310 by changing the saturation by 10% instead.


 57.6179, 34.7995,
66.6310

 57.6179, 34.7995,
66.6310


405.7375,
323.6825, 467.0959


 41.7436, 23.5085,
48.3251


 100.4924, 67.1750,
116.0271

 29.0908, 14.9694,
33.7226


 128.2233, 89.0283,
147.9544

 19.2942, 8.7979,
22.4049


 160.6371,
115.1712, 185.2593

 11.9883, 4.6096,
13.9536

 198.0992,
145.9880, 228.3603

 6.8078, 2.0201,
7.9500

240.9750,
181.8631, 277.6759

 3.3875, 0.6191,
3.9757

289.6297,

 1.3618, 0.0000,

223.1810, 333.6246

1.6120

344.4287,
270.3260, 396.6251

■ 0.2288, 0.0000,
0.2994

■ 0.0000, 0.0000,
0.0000

■ 57.6179, 34.7995,
66.6310

■ 57.6179, 34.7995,
66.6310

■ 54.7527, 30.4257,
61.4934

■ 61.2810, 40.7103,
72.2150

■ 52.6071, 27.4338,
56.7728


■ 65.8049, 48.2840,
78.2675


■ 51.0914, 25.6447,
52.4376

■ 71.2492, 57.6389,
84.8108

■ 50.1862, 24.8385,
49.0400

■ 77.6673, 68.8809,
91.8647

 85.1084, 82.1080,
99.4476

 93.6184, 97.4111,
107.5770

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.



48.3101, 34.7995, 111.5744



57.6179, 34.7995, 66.6310



59.6785, 34.7995, 30.0128

Triad

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



57.6179, 34.7995, 66.6310



30.1967, 34.7995, 3.6042



18.6857, 34.7995, 90.4557

Complementary

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



57.6179, 34.7995, 66.6310



45.5321, 76.0108, 37.0858

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.



15.8533, 34.7995, 47.0391



57.6179, 34.7995, 66.6310



21.4370, 34.7995, 6.8951

Square

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



57.6179, 34.7995, 66.6310



41.9919, 34.7995, 4.5105



16.7306, 34.7995, 18.8938



25.5207, 34.7995, 129.9577

Rectangle

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



57.6179, 34.7995, 66.6310



56.3117, 34.7995, 15.5959



16.7306, 34.7995, 18.8938



17.3143, 34.7995, 75.1010

Sweetspot

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



57.6188, 34.8011, 66.6317



80.2005, 73.3642, 94.5066



33.2123, 21.5214, 97.0113



16.7216, 14.9157, 19.7657



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.



57.6188, 34.8011, 66.6317



54.1671, 29.5761, 60.3067



49.9563, 31.7361, 26.2816



18.5730, 18.2125, 21.6348



26.2887, 13.0048, 25.9687



2.6051, 1.2844, 2.7678

Inverse Universe

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



57.6188, 34.8011, 66.6317



54.1671, 29.5761, 60.3067



53.5011, 79.1984, 79.0499



18.5730, 18.2125, 21.6348



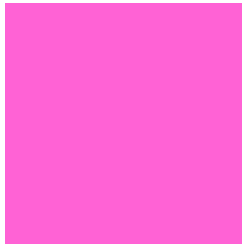
26.2887, 13.0048, 25.9687



2.6051, 1.2844, 2.7678

Previews

White Background



This preview shows how the XYZ color 57.6179, 34.7995, 66.6310 looks on a white background.

Color Contrast Check

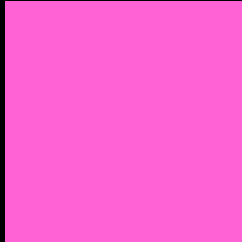
Large Text (above 18pt) WCAG AA × Fail

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 57.6179, 34.7995, 66.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

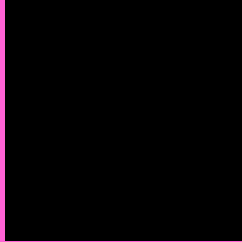
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6179, 34.7995, 66.6310

Background



This preview shows how black text looks on a background with the XYZ color 57.6179, 34.7995, 66.6310.



This preview shows how white text looks on a background with the XYZ color 57.6179, 34.7995,

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

57.6179, 34.7995, 66.6310

Protanopia

37.9645, 35.1345, 99.3884

Deuteranopia

35.9049, 35.1490, 62.0188



Tritanopia

48.9705, 34.7656, 24.5515

Trichromacy



Original Color

57.6179, 34.7995, 66.6310



Protanomaly

40.9697, 32.1653, 86.4873



Deuteranomaly

41.0529, 32.9321, 63.2243



Tritanomaly

51.4765, 34.4155, 36.7306

Monochromacy



Original Color

57.6179, 34.7995, 66.6310



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

38.8324, 32.1601, 46.2803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6179, 34.7995, 66.6310 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, 98, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 213)  
}
```

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, 98, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.6179, 34.7995, 66.6310 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, 98, 213) }
```


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

```
.border{ border-color:rgb(255, 98, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 98, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6179, 34.7995, 66.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 213) }
```

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

```
.background{ background-color: rgb(255, 98,  
213) }
```

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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