

Converting Colors

XYZ(65.7318, 38.6180, 67.5597)

Have a look what the booklet for
XYZ(65.7318, 38.6180, 67.5597)
contains.

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Color

**XYZ(57.4698, 34.2995,
67.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FD6
RGB	255, 95, 214
RGB Percent	100%, 37%, 84%
CMY	0.0000, 0.6274, 0.1608
CMYK	0.00, 0.63, 0.16, 0.00
HSL	315°, 100%, 69%
HSV	315°, 63%, 100%
XYZ	57.4698, 34.2995, 67.2098
YIQ	156.4060, 57.1610, 70.9290

Conversions

Conversions Part 2

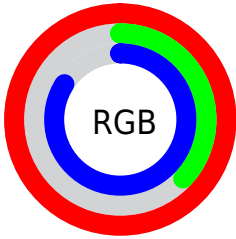
Format	Color
R _Y B	255, 95, 214
Decimal	16736214
CIE _{Lab}	65.20, 72.80, -30.29
CIE _{LCh}	65, 78.853, 337.410
Y _{xy}	34.2995, 0.3615, 0.2157
Android (android.graphics.Color)	4294926294 (0xFFFF5FD6)
YUV	156.4060, 28.3938, 86.4669
Hunter-Lab	58.5658, 72.6695, -27.0449

Details

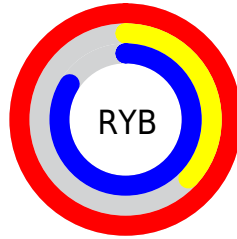
The XYZ color **57.4698, 34.2995, 67.2098** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **44.9247, 75.7312, 35.5454**, and the grayscale version is **31.6420, 33.2898, 36.2526**.

A 20% lighter version of the original color is **70.8456, 51.5912, 100.8319**, and **29.0701, 14.7181, 34.1096** is the 20% darker color. If you saturate the color by 10%, you get **54.7191, 30.1069, 62.2578**, and if you desaturate by 10%, it is **61.0071, 40.0113, 72.5899**.

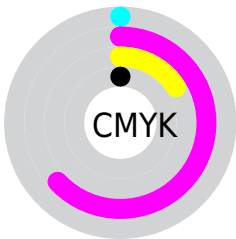
Distribution



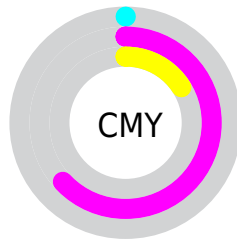
- Red (100%)
- Green (37%)
- Blue (84%)



- Red (100%)
- Yellow (37%)
- Blue (84%)



- Cyan (0%)
- Magenta (63%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4698, 34.2995, 67.2098 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 57.4698, 34.2995, 67.2098 by changing the saturation by 10% instead.


 57.4698, 34.2995,
67.2098


 57.4698, 34.2995,
67.2098


405.1932,
321.4655, 469.2130


 41.6242, 23.1238,
48.7925


 100.2778, 66.3991,
116.8645


 28.9969, 14.6849,
34.0904


 127.9708, 88.0919,
148.9389

 19.2228, 8.5986,
22.6852


 160.3437,
114.0590, 186.4028

 11.9363, 4.4803,
14.1581

 197.7618,
144.6850, 229.6747

 6.7722, 1.9457,
8.0907

240.5904,
180.3543, 279.1731

 3.3651, 0.5756,
4.0644

289.1949,

 1.3497, 0.0000,

221.4512, 335.3166

1.6608

343.9407,
268.3601, 398.5237

■ 0.2199, 0.0000,
0.3336

■ 0.0000, 0.0000,
0.0000

■ 57.4698, 34.2995,
67.2098

■ 57.4698, 34.2995,
67.2098

■ 54.7191, 30.1069,
62.2578

■ 61.0071, 40.0113,
72.5899

■ 52.6755, 27.2758,
57.7044

■ 65.3950, 47.3703,
78.4203

■ 51.2469, 25.6222,
53.5174

■ 70.6937, 56.4962,
84.7232

■ 50.4964, 24.9626,
50.6738

■ 76.9571, 67.4960,
91.5184

84.2348, 80.4684,
98.8243

92.5729, 95.5053,
106.6579

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.



47.9028, 34.2995, 113.2404



57.4698, 34.2995, 67.2098



59.6963, 34.2995, 29.7844

Triad

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



57.4698, 34.2995, 67.2098



29.8406, 34.2995, 3.2131



18.0438, 34.2995, 90.2983

Complementary

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



57.4698, 34.2995, 67.2098



44.9247, 75.7312, 35.5454

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.



15.2684, 34.2995, 46.0907



57.4698, 34.2995, 67.2098



20.9629, 34.2995, 6.3025

Square

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



57.4698, 34.2995, 67.2098



41.8184, 34.2995, 4.1294



16.1951, 34.2995, 17.9722



24.8479, 34.2995, 131.1607

Rectangle

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



57.4698, 34.2995, 67.2098



56.3344, 34.2995, 15.1770



16.1951, 34.2995, 17.9722



16.6913, 34.2995, 74.5810

Sweetspot

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



57.4707, 34.3010, 67.2104



79.5589, 72.1139, 94.1913



32.1357, 20.5574, 96.8820



16.6004, 14.6744, 19.7221



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.



57.4707, 34.3010, 67.2104



54.1987, 29.3544, 61.1957



49.7066, 31.1954, 26.3256



18.5821, 18.2162, 21.6827



26.4493, 13.0690, 26.8144



2.6196, 1.2902, 2.8442

Inverse Universe

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



57.4707, 34.3010, 67.2104



54.1987, 29.3544, 61.1957



52.7462, 78.8598, 76.7329



18.5821, 18.2162, 21.6827



26.4493, 13.0690, 26.8144



2.6196, 1.2902, 2.8442

Previews

White Background



This preview shows how the XYZ color 57.4698, 34.2995, 67.2098 looks on a white background.

Color Contrast Check

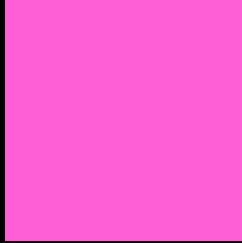
Large Text (above 18pt) WCAG AA × Fail

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 57.4698, 34.2995, 67.2098 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 57.4698, 34.2995, 67.2098

Background



This preview shows how black text looks on a background with the XYZ color 57.4698, 34.2995, 67.2098.



This preview shows how white text looks on a background with the XYZ color 57.4698, 34.2995,

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

57.4698, 34.2995, 67.2098

Protanopia

37.5171, 34.6558, 99.3196

Deuteranopia

35.3023, 34.5743, 62.5705



Tritanopia

48.2504, 34.0561, 23.7691

Trichromacy



Original Color

57.4698, 34.2995, 67.2098



Protanomaly

40.4779, 31.5013, 86.3850



Deuteranomaly

40.6493, 32.2956, 63.7657



Tritanomaly

50.8144, 33.7602, 36.1859

Monochromacy



Original Color

57.4698, 34.2995, 67.2098



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

38.1991, 31.4310, 45.6484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4698, 34.2995, 67.2098 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, 95, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 214)  
}
```

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, 95, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.4698, 34.2995, 67.2098 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, 95, 214) }
```


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

```
.border{ border-color:rgb(255, 95, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4698, 34.2995, 67.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 214) }
```

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

```
.background{ background-color: rgb(255, 95,  
214) }
```

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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