

Converting Colors

XYZ(73.5416, 66.9262, 95.2682)

Have a look what the booklet for
XYZ(73.5416, 66.9262, 95.2682)
contains.

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Color

**XYZ(73.6437, 67.0666,
95.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C9F5
RGB	241, 201, 245
RGB Percent	95%, 79%, 96%
CMY	0.0549, 0.2117, 0.0392
CMYK	0.02, 0.18, 0.00, 0.04
HSL	295°, 69%, 87%
HSV	295°, 18%, 96%
XYZ	73.6437, 67.0666, 95.4499
YIQ	217.9760, 9.7160, 22.1640

Conversions

Conversions Part 2

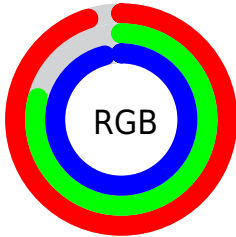
Format	Color
R _Y B	241, 201, 245
Decimal	15845877
CIE Lab	85.54, 21.57, -16.35
CIE LCh	86, 27.068, 322.848
Yxy	67.0666, 0.3118, 0.2840
Android (android.graphics.Color)	4294035957 (0xFFFF1C9F5)
YUV	217.9760, 13.3228, 20.1920
Hunter-Lab	81.8942, 17.2020, -11.7782

Details

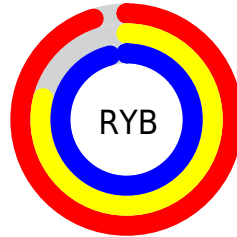
The XYZ color **73.6437, 67.0666, 95.4499** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3742, 82.5027, 67.5825**, and the grayscale version is **66.5321, 69.9970, 76.2267**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6266, 34.8558, 52.7834** is the 20% darker color. If you saturate the color by 10%, you get **67.6267, 56.1533, 93.6615**, and if you desaturate by 10%, it is **80.5849, 79.8122, 97.5452**.

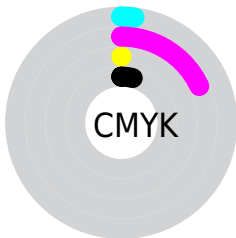
Distribution



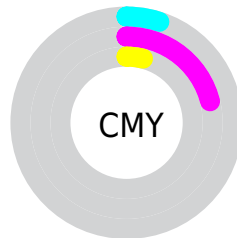
- Red (95%)
- Green (79%)
- Blue (96%)



- Red (95%)
- Yellow (79%)
- Blue (96%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6437, 67.0666, 95.4499 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 73.6437, 67.0666, 95.4499 by changing the saturation by 10% instead.

73.6437, 67.0666,
95.4499

73.6437, 67.0666,
95.4499

462.3121,
450.1818, 566.6254

54.7927, 49.1388,
71.9105

123.3888,
115.0158, 156.8869

39.4690, 34.7296,
52.5992

155.0137,
145.8060, 195.6217

27.3071, 23.4546,
37.0974

191.6272,
181.6524, 240.2586

17.9418, 14.9296,
24.9865

233.5947,
222.9395, 291.2163

11.0076, 8.7700,
15.8481

281.2816,
270.0515, 348.9133

6.1393, 4.5914,
9.2635

335.0532,

2.9714, 2.0096,

323.3730, 413.7681

4.8143

395.2749,
383.2883, 486.1993

■ 1.1387, 0.6130,
2.0819

■ 0.0571, 0.0000,
0.6050

■ 73.6437, 67.0666,
95.4499

■ 73.6437, 67.0666,
95.4499

■ 67.6267, 56.1533,
93.6615

■ 80.5849, 79.8122,
97.5452

■ 62.4848, 46.9775,
92.1614

■ 88.4845, 94.4620,
99.9565

■ 58.1733, 39.4488,
90.9355

■ 90.8408, 98.0113,
100.5174

■ 54.6412, 33.4655,
89.9668

■ 91.6339, 98.4201,
100.5546

■ 51.8320, 28.9142,
89.2363

■ 92.4364, 98.8338,
100.5921

■ 49.6813, 25.6663,
88.7228

■ 93.2484, 99.2524,
100.6301

■ 48.1132, 23.5700,
88.4008

■ 93.4816, 99.3726,
100.6410

■ 47.0241, 22.4185,
88.2360

■ 46.8296, 22.2376,
88.2113

Harmonies

Analogous

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



68.4483, 67.0666, 108.8970



73.6437, 67.0666, 95.4499



76.2147, 67.0666, 77.3229

Triad

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



73.6437, 67.0666, 95.4499



65.2286, 67.0666, 44.3081



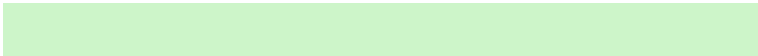
53.4551, 67.0666, 86.9816

Complementary

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



73.6437, 67.0666, 95.4499



68.3742, 82.5027, 67.5825

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.



52.7151, 67.0666, 68.8877



73.6437, 67.0666, 95.4499



59.2619, 67.0666, 46.0463

Square

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



73.6437, 67.0666, 95.4499



71.1576, 67.0666, 49.2173



54.7752, 67.0666, 54.4186



56.8655, 67.0666, 103.4848

Rectangle

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



73.6437, 67.0666, 95.4499



75.9850, 67.0666, 65.7481



54.7752, 67.0666, 54.4186



52.8952, 67.0666, 80.8180

Sweetspot

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



73.6457, 67.0695, 95.4513



90.6915, 91.9140, 107.5690



62.4988, 62.8675, 95.2278



19.2852, 19.4393, 22.9857



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.



73.6457, 67.0695, 95.4513



77.8390, 68.3264, 103.6935



72.4653, 66.7568, 82.0309



17.0564, 16.6872, 20.8646



25.2900, 12.0118, 47.5236



2.2654, 1.0777, 4.1789

Inverse Universe

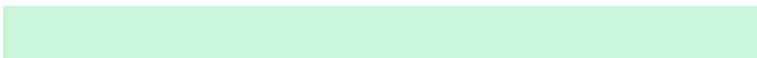
The Inverse Universe completely reimagines the original color for something new.



69.5645, 65.5965, 66.7556



72.5395, 66.4205, 66.1238



69.4757, 82.8174, 79.0682



16.5603, 16.5070, 17.4311



20.3867, 10.4981, 1.4790



1.8122, 0.9308, 0.2373

Previews

White Background



This preview shows how the XYZ color 73.6437, 67.0666, 95.4499 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 73.6437, 67.0666, 95.4499 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 73.6437, 67.0666, 95.4499

Background



This preview shows how black text looks on a background with the XYZ color 73.6437, 67.0666, 95.4499.



This preview shows how white text looks on a background with the XYZ color 73.6437, 67.0666,

95.4499.

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

73.6437, 67.0666, 95.4499

Protanopia

66.5678, 67.2371, 101.5650

Deuteranopia

68.9484, 67.5047, 94.9837



Tritanopia

70.1424, 67.0602, 77.6536

Trichromacy



Original Color

73.6437, 67.0666, 95.4499

Protanomaly

68.8682, 67.0114, 98.9273

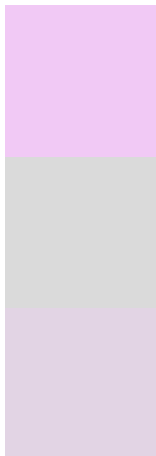
Deuteranomaly

70.3953, 67.1682, 94.8425

Tritanomaly

71.4724, 67.2496, 84.0764

Monochromacy



Original Color

73.6437, 67.0666, 95.4499

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.9111, 68.8572, 83.0575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6437, 67.0666, 95.4499 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(241, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 201, 245)  
}
```

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(241, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 201, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.6437, 67.0666, 95.4499 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(241, 201, 245) }
```


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

```
.border{ border-color:rgb(241, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 201,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6437, 67.0666, 95.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 201, 245) }
```

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

```
.background{ background-color: rgb(241,  
201, 245) }
```

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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