

Converting Colors

XYZ(73.5547, 67.0438, 97.3887)

Have a look what the booklet for
XYZ(73.5547, 67.0438, 97.3887)
contains.

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Color

**XYZ(73.6103, 67.0140,
97.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C9F7
RGB	240, 201, 247
RGB Percent	94%, 79%, 97%
CMY	0.0588, 0.2117, 0.0314
CMYK	0.03, 0.19, 0.00, 0.03
HSL	291°, 74%, 88%
HSV	291°, 19%, 97%
XYZ	73.6103, 67.0140, 97.0510
YIQ	217.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

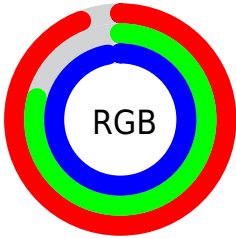
Format	Color
R _Y B	240, 201, 247
Decimal	15780343
CIE Lab	85.51, 21.62, -17.46
CIE LCh	86, 27.787, 321.079
Yxy	67.0140, 0.3097, 0.2820
Android (android.graphics.Color)	4293970423 (0xFFFF0C9F7)
YUV	217.9050, 14.3438, 19.3773
Hunter-Lab	81.8621, 17.2484, -12.9874

Details

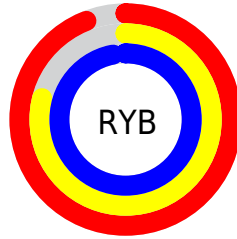
The XYZ color **73.6103, 67.0140, 97.0510** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.8183, 84.1502, 67.8246**, and the grayscale version is **66.4771, 69.9391, 76.1637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6049, 34.8194, 53.9236** is the 20% darker color. If you saturate the color by 10%, you get **67.0467, 55.7605, 95.2258**, and if you desaturate by 10%, it is **81.1302, 80.1385, 99.1889**.

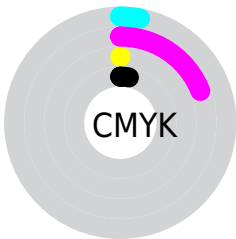
Distribution



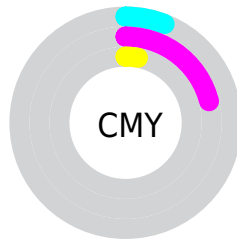
- Red (94%)
- Green (79%)
- Blue (97%)



- Red (94%)
- Yellow (79%)
- Blue (97%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6103, 67.0140, 97.0510 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 73.6103, 67.0140, 97.0510 by changing the saturation by 10% instead.

73.6103, 67.0140,
97.0510

73.6103, 67.0140,
97.0510

462.1984,
449.9946, 571.8616

54.7653, 49.0960,
73.2369

123.3417,
114.9405, 159.1150

39.4469, 34.6956,
53.6767

154.9588,
145.7177, 198.2020

27.2899, 23.4285,
37.9518

191.5640,
181.5502, 243.2170

17.9288, 14.9102,
25.6438

233.5226,
222.8223, 294.5786

10.9982, 8.7564,
16.3340

281.2000,
269.9184, 352.7053

6.1329, 4.5826,
9.6039

334.9615,

2.9675, 2.0045,

323.2229, 418.0157

5.0350

395.1725,
383.1201, 490.9283

■ 1.1366, 0.6101,
2.2087

■ 0.0554, 0.0000,
0.6794

■ 73.6103, 67.0140,
97.0510

■ 73.6103, 67.0140,
97.0510

■ 67.0467, 55.7605,
95.2258

■ 81.1302, 80.1385,
99.1889

■ 61.3889, 46.2809,
93.6942

■ 89.6417, 95.2079,
101.6490

■ 56.5912, 38.4825,
92.4419

■ 92.4327, 98.7964,
102.1946

■ 52.6010, 32.2607,
91.4512

■ 93.7887, 99.4955,
102.2580

■ 49.3599, 27.4988,
90.7029

■ 46.8016, 24.0644,
90.1749

■ 44.8474, 21.8004,
89.8409

■ 43.3842, 20.4808,
89.6633

■ 43.2000, 20.3310,
89.6441

Harmonies

Analogous

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



68.1598, 67.0140, 110.4365



73.6103, 67.0140, 97.0510



76.4510, 67.0140, 78.4897

Triad

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



73.6103, 67.0140, 97.0510



65.5951, 67.0140, 43.7367



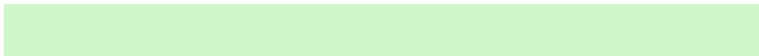
53.0295, 67.0140, 86.1939

Complementary

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



73.6103, 67.0140, 97.0510



69.8183, 84.1502, 67.8246

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.



52.4429, 67.0140, 67.7093



73.6103, 67.0140, 97.0510



59.4292, 67.0140, 45.1053

Square

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



73.6103, 67.0140, 97.0510



71.6268, 67.0140, 49.1300



54.7123, 67.0140, 53.2383



56.3711, 67.0140, 103.4836

Rectangle

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



73.6103, 67.0140, 97.0510



76.3613, 67.0140, 66.4899



54.7123, 67.0140, 53.2383



52.5126, 67.0140, 79.8514

Sweetspot

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



73.6123, 67.0169, 97.0525



89.5104, 90.1848, 107.2974



63.5975, 64.5736, 97.1087



19.0349, 19.0845, 22.9304



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.



73.6123, 67.0169, 97.0525



76.6189, 67.6974, 103.6364



73.7647, 67.3577, 85.2114



16.9514, 16.6331, 20.8596



22.9443, 10.8026, 47.4138



2.0822, 0.9833, 4.1703

Inverse Universe

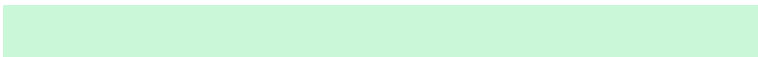
The Inverse Universe completely reimagines the original color for something new.



70.6320, 66.1046, 68.7146



72.9565, 66.5873, 68.3196



69.7884, 83.9159, 77.7139



16.6019, 16.5236, 17.6502



20.4997, 10.5433, 2.0739



1.8319, 0.9387, 0.3409

Previews

White Background



This preview shows how the XYZ color 73.6103, 67.0140, 97.0510 looks on a white background.

Color Contrast Check

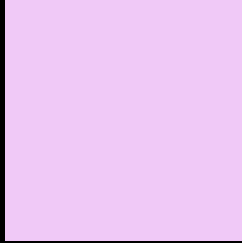
Large Text (above 18pt) WCAG AA × Fail

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 73.6103, 67.0140, 97.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

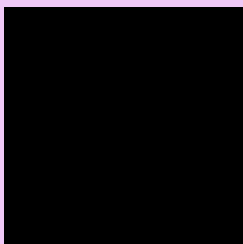
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6103, 67.0140, 97.0510

Background



This preview shows how black text looks on a background with the XYZ color 73.6103, 67.0140, 97.0510.



This preview shows how white text looks on a background with the XYZ color 73.6103, 67.0140,

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

73.6103, 67.0140, 97.0510

Protanopia

66.6097, 67.2219, 103.2303

Deuteranopia

68.9502, 67.4704, 96.5778



Tritanopia

69.6082, 66.7694, 78.3263

Trichromacy



Original Color

73.6103, 67.0140, 97.0510

Protanomaly

68.8819, 66.9822, 100.5652

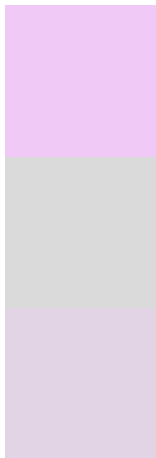
Deuteranomaly

70.3844, 67.1273, 96.4360

Tritanomaly

70.9417, 66.9598, 84.7868

Monochromacy



Original Color

73.6103, 67.0140, 97.0510

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

69.0504, 68.9129, 83.7909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6103, 67.0140, 97.0510 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(240, 201, 247)` looks like.

```
.text, #text, p{  
    color:rgb(240, 201, 247)  
}
```

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(240, 201, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 201, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.6103, 67.0140, 97.0510 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(240, 201, 247) }
```


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

```
.border{ border-color:rgb(240, 201, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 201, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 201, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 201, 247); box-shadow:4px 4px 4px 4px rgb(240, 201, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6103, 67.0140, 97.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 201, 247) }
```

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

```
.background{ background-color: rgb(240,  
201, 247) }
```

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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