

Converting Colors

XYZ(73.0911, 67.9803, 93.8916)

Have a look what the booklet for
XYZ(73.0911, 67.9803, 93.8916)
contains.

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Color

**XYZ(73.0304, 67.8339,
94.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	EECCF3
RGB	238, 204, 243
RGB Percent	93%, 80%, 95%
CMY	0.0667, 0.2000, 0.0471
CMYK	0.02, 0.16, 0.00, 0.05
HSL	292°, 62%, 88%
HSV	292°, 16%, 95%
XYZ	73.0304, 67.8339, 94.0382
YIQ	218.6120, 7.7450, 19.3370

Conversions

Conversions Part 2

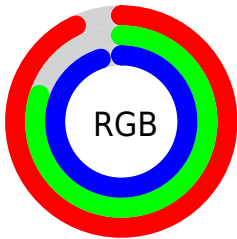
Format	Color
R _Y B	238, 204, 243
Decimal	15650035
CIE Lab	85.92, 18.63, -14.73
CIE LCh	86, 23.754, 321.665
Yxy	67.8339, 0.3109, 0.2888
Android (android.graphics.Color)	4293840115 (0xFFEECCF3)
YUV	218.6120, 12.0233, 17.0033
Hunter-Lab	82.3613, 14.1449, -10.0430

Details

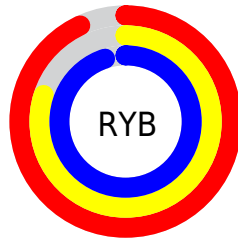
The XYZ color **73.0304, 67.8339, 94.0382** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2466, 82.0179, 69.3114**, and the grayscale version is **66.9806, 70.4688, 76.7405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1674, 35.3456, 51.7718** is the 20% darker color. If you saturate the color by 10%, you get **66.6630, 56.6375, 92.2137**, and if you desaturate by 10%, it is **80.3210, 80.8476, 96.1668**.

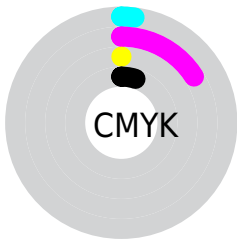
Distribution



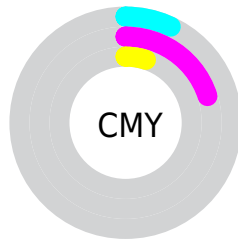
- Red (93%)
- Green (80%)
- Blue (95%)



- Red (93%)
- Yellow (80%)
- Blue (95%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0304, 67.8339, 94.0382 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 73.0304, 67.8339, 94.0382 by changing the saturation by 10% instead.

73.0304, 67.8339,
94.0382

73.0304, 67.8339,
94.0382

460.2223,
452.9073, 561.9868

54.2893, 49.7626,
70.7423

122.5233,
116.1145, 154.9193

39.0646, 35.2248,
51.6514

154.0057,
147.0926, 193.3415

26.9909, 23.8361,
36.3469

190.4660,
183.1418, 237.6430

17.7030, 15.2121,
24.4104

232.2695,
224.6464, 288.2421

10.8353, 8.9684,
15.4234

279.7815,
271.9908, 345.5575

6.0227, 4.7206,
8.9671

333.3674,

2.8997, 2.0843,

325.5596, 410.0078

4.6232

393.3926,
385.7369, 482.0113

■ 1.1009, 0.6557,
1.9731

■ 0.0259, 0.0000,
0.5387

■ 73.0304, 67.8339,
94.0382

■ 73.0304, 67.8339,
94.0382

■ 66.6630, 56.6375,
92.2137

■ 80.3210, 80.8476,
96.1668

■ 61.1710, 47.1663,
90.6750

■ 88.5678, 95.7477,
98.6082

■ 56.5114, 39.3333,
89.4087

■ 90.4186, 97.8287,
98.9123

■ 52.6350, 33.0403,
88.3983

■ 91.5286, 98.4009,
98.9643

■ 49.4876, 28.1788,
87.6258

■ 92.6571, 98.9827,
99.0171

■ 47.0076, 24.6259,
87.0708

■ 93.1779, 99.2511,
99.0415

■ 45.1231, 22.2381,
86.7092

■ 43.7451, 20.8373,
86.5115

■ 43.2849, 20.4453,
86.4601

Harmonies

Analogous

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



68.4127, 67.8339, 105.3385



73.0304, 67.8339, 94.0382



75.3853, 67.8339, 78.2868

Triad

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



73.0304, 67.8339, 94.0382



66.0019, 67.8339, 48.0112



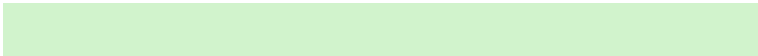
55.2349, 67.8339, 85.4783

Complementary

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



73.0304, 67.8339, 94.0382



69.2466, 82.0179, 69.3114

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.



54.6700, 67.8339, 69.6026



73.0304, 67.8339, 94.0382



60.6896, 67.8339, 49.3743

Square

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



73.0304, 67.8339, 94.0382



71.1808, 67.8339, 52.7685



56.6136, 67.8339, 56.7961



58.2025, 67.8339, 99.9328

Rectangle

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



73.0304, 67.8339, 94.0382



75.2682, 67.8339, 67.9675



56.6136, 67.8339, 56.7961



54.7647, 67.8339, 80.0828

Sweetspot

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



73.0324, 67.8368, 94.0397



90.5177, 91.8245, 107.5608



63.9319, 65.0107, 93.9738



19.2428, 19.4175, 22.9837



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.



73.0324, 67.8368, 94.0397



79.2454, 71.7287, 104.2761



72.6581, 67.8837, 83.1847



16.9924, 16.6542, 20.8616



23.8369, 11.2627, 47.4556



2.1522, 1.0193, 4.1736

Inverse Universe

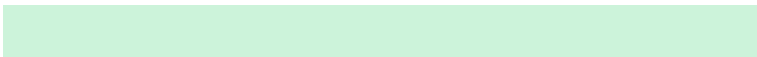
The Inverse Universe completely reimagines the original color for something new.



70.0660, 66.8469, 69.5347



75.4240, 70.4599, 72.4172



69.6490, 82.0180, 78.6985



16.5856, 16.5171, 17.5643



20.4496, 10.5233, 1.8103



1.8242, 0.9356, 0.3004

Previews

White Background



This preview shows how the XYZ color 73.0304, 67.8339, 94.0382 looks on a white background.

Color Contrast Check

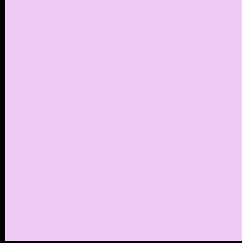
Large Text (above 18pt) WCAG AA × Fail

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 73.0304, 67.8339, 94.0382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

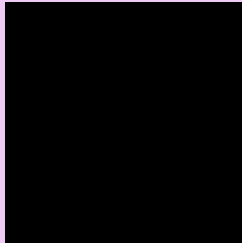
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0304, 67.8339, 94.0382

Background



This preview shows how black text looks on a background with the XYZ color 73.0304, 67.8339, 94.0382.



This preview shows how white text looks on a background with the XYZ color 73.0304, 67.8339,

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

73.0304, 67.8339, 94.0382

Protanopia

67.1876, 67.9834, 99.2035

Deuteranopia

69.2589, 67.6997, 93.4214



Tritanopia

70.0283, 67.6696, 79.8917

Trichromacy



Original Color

73.0304, 67.8339, 94.0382

Protanomaly

69.3503, 68.0242, 97.4705

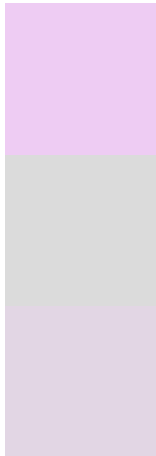
Deuteranomaly

70.3347, 67.5304, 93.3320

Tritanomaly

71.0872, 67.7450, 84.9307

Monochromacy



Original Color

73.0304, 67.8339, 94.0382

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.4142, 69.8633, 83.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0304, 67.8339, 94.0382 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(238, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(238, 204, 243)  
}
```

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(238, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 204, 243) }
```

Border

The CSS property to change the border of an element to XYZ 73.0304, 67.8339, 94.0382 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(238, 204, 243) }
```


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

```
.border{ border-color:rgb(238, 204, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 204, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(238, 204,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0304, 67.8339, 94.0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 204, 243) }
```

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

```
.background{ background-color: rgb(238,  
204, 243) }
```

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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