

Converting Colors

XYZ(73.4953, 67.4609, 95.9907)

Have a look what the booklet for
XYZ(73.4953, 67.4609, 95.9907)
contains.

XYZ(73.3517, 67.2456, 96.3024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.3517, 67.2456,
96.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCAF6
RGB	239, 202, 246
RGB Percent	94%, 79%, 96%
CMY	0.0627, 0.2078, 0.0353
CMYK	0.03, 0.18, 0.00, 0.04
HSL	290°, 71%, 88%
HSV	290°, 18%, 96%
XYZ	73.3517, 67.2456, 96.3024
YIQ	218.0790, 7.9280, 21.5280

Conversions

Conversions Part 2

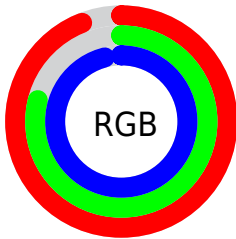
Format	Color
R _Y B	239, 202, 246
Decimal	15715062
CIE Lab	85.63, 20.58, -16.76
CIE LCh	86, 26.539, 320.838
Yxy	67.2456, 0.3096, 0.2839
Android (android.graphics.Color)	4293905142 (0xFFEFCAF6)
YUV	218.0790, 13.7651, 18.3477
Hunter-Lab	82.0034, 16.1615, -12.2260

Details

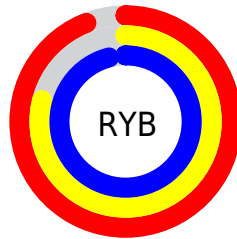
The XYZ color **73.3517, 67.2456, 96.3024** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.9133, 83.7328, 68.3577**, and the grayscale version is **66.6010, 70.0695, 76.3056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4126, 34.9648, 53.3868** is the 20% darker color. If you saturate the color by 10%, you get **66.7271, 55.9357, 94.4695**, and if you desaturate by 10%, it is **80.9290, 80.4161, 98.4462**.

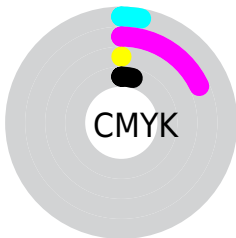
Distribution



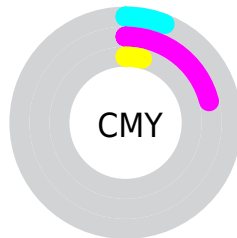
- Red (94%)
- Green (79%)
- Blue (96%)



- Red (94%)
- Yellow (79%)
- Blue (96%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)





- Cyan (6%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3517, 67.2456, 96.3024 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 73.3517, 67.2456, 96.3024 by changing the saturation by 10% instead.


 73.3517, 67.2456,
96.3024

 73.3517, 67.2456,
96.3024


461.3178,
450.8185, 569.4166

 54.5530, 49.2842,
72.6166


122.9768,
115.2723, 158.0737

 39.2764, 34.8450,
53.1726


154.5339,
146.1064, 196.9963

 27.1565, 23.5435,
37.5519

191.0745,
182.0002, 241.8349

 17.8280, 14.9953,
25.3360

232.9640,
223.3380, 293.0080

 10.9255, 8.8161,
16.1062

280.5677,
270.5044, 350.9342

 6.0837, 4.6214,
9.4442

334.2510,

 2.9372, 2.0269,

323.8837, 416.0320

4.9313

394.3793,
383.8603, 488.7199

■ 1.1206, 0.6230,
2.1490

■ 0.0423, 0.0000,
0.6447

■ 73.3517, 67.2456,
96.3024

■ 73.3517, 67.2456,
96.3024

■ 66.7271, 55.9357,
94.4695

■ 80.9290, 80.4161,
98.4462

■ 61.0054, 46.3906,
92.9287

■ 89.4937, 95.5199,
100.9101

■ 56.1415, 38.5191,
91.6657

■ 92.0858, 98.6354,
101.3749

■ 52.0838, 32.2183,
90.6634

■ 93.5085, 99.3688,
101.4414

■ 48.7750, 27.3739,
89.9027

■ 93.6347, 99.4339,
101.4473

■ 46.1500, 23.8559,
89.3620

■ 44.1320, 21.5111,
89.0158

■ 42.6172, 20.1322,
88.8295

■ 42.3290, 19.8998,
88.7998

Harmonies

Analogous

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



68.1370, 67.2456, 108.9207



73.3517, 67.2456, 96.3024



76.0829, 67.2456, 78.6450

Triad

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



73.3517, 67.2456, 96.3024



65.7825, 67.2456, 45.0409



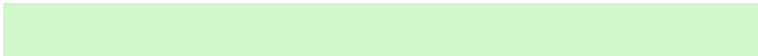
53.6613, 67.2456, 85.7028

Complementary

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



73.3517, 67.2456, 96.3024



69.9133, 83.7328, 68.3577

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.



53.1188, 67.2456, 68.0485



73.3517, 67.2456, 96.3024



59.8710, 67.2456, 46.3198

Square

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



73.3517, 67.2456, 96.3024



71.5352, 67.2456, 50.3342



55.3243, 67.2456, 54.1547



56.8560, 67.2456, 102.1624

Rectangle

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



73.3517, 67.2456, 96.3024



76.0166, 67.2456, 67.1398



55.3243, 67.2456, 54.1547



53.1710, 67.2456, 79.6546

Sweetspot

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



73.3537, 67.2485, 96.3039



90.3743, 91.7505, 107.5541



63.8768, 64.9782, 96.3651



19.2079, 19.3994, 22.9820



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.



73.3537, 67.2485, 96.3039



77.2166, 68.8833, 103.8338



73.5996, 67.6251, 85.0241



16.9396, 16.6270, 20.8591



22.6929, 10.6730, 47.4021



2.0624, 0.9731, 4.1694

Inverse Universe

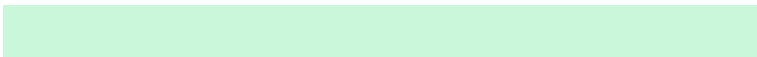
The Inverse Universe completely reimagines the original color for something new.



70.6375, 66.4403, 69.4259



73.8607, 67.8950, 70.1649



69.7963, 83.4622, 77.8524



16.6066, 16.5255, 17.6751



20.5156, 10.5497, 2.1577



1.8341, 0.9396, 0.3526

Previews

White Background



This preview shows how the XYZ color 73.3517, 67.2456, 96.3024 looks on a white background.

Color Contrast Check

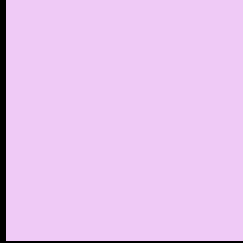
Large Text (above 18pt) WCAG AA × Fail

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 73.3517, 67.2456, 96.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

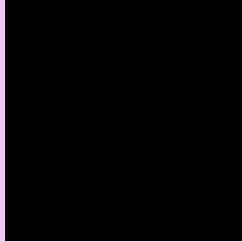
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3517, 67.2456, 96.3024

Background



This preview shows how black text looks on a background with the XYZ color 73.3517, 67.2456, 96.3024.



This preview shows how white text looks on a background with the XYZ color 73.3517, 67.2456,

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

73.3517, 67.2456, 96.3024

Protanopia

66.7267, 67.3006, 102.4020

Deuteranopia

69.1007, 67.5657, 95.7857



Tritanopia

69.5171, 67.0787, 78.3908

Trichromacy



Original Color

73.3517, 67.2456, 96.3024

Protanomaly

68.7246, 66.9193, 99.7370

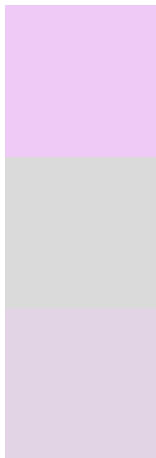
Deuteranomaly

70.5476, 67.2292, 95.6445

Tritanomaly

70.8472, 67.2650, 84.8507

Monochromacy



Original Color

73.3517, 67.2456, 96.3024

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 73.3517, 67.2456, 96.3024 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(239, 202, 246)` looks like.

```
.text, #text, p{  
    color:rgb(239, 202, 246)  
}
```

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(239, 202, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 202, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.3517, 67.2456, 96.3024 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(239, 202, 246) }
```


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

```
.border{ border-color:rgb(239, 202, 246) }
```

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

Here you see how a box with a 4 pixel rgb(239, 202, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 202, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 202, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 202,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3517, 67.2456, 96.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 202, 246) }
```

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

```
.background{ background-color: rgb(239,  
202, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor