

# Converting Colors

XYZ(75.0266, 66.7121, 95.4947)

Have a look what the booklet for  
XYZ(75.0266, 66.7121, 95.4947)  
contains.

**XYZ(75.0333, 66.7549, 95.3165) ..... 3**  
***Conversions* ..... 4**  
***Details* ..... 6**  
***Harmonies* ..... 12**  
***Previews* ..... 24**  
***Color Blindness Simulation* ..... 28**  
***CSS Examples* ..... 31**

# Color

**XYZ(75.0333, 66.7549,  
95.3165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C6F5
RGB	247, 198, 245
RGB Percent	97%, 78%, 96%
CMY	0.0314, 0.2235, 0.0392
CMYK	0.00, 0.20, 0.01, 0.03
HSL	302°, 75%, 87%
HSV	302°, 20%, 97%
XYZ	75.0333, 66.7549, 95.3165
YIQ	218.0090, 14.1170, 25.0050

# Conversions

## Conversions Part 2

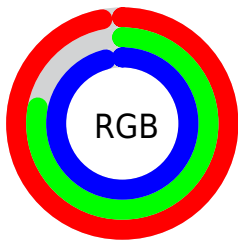
Format	Color
<a href="#">RYB</a>	<a href="#">247, 198, 245</a>
Decimal	<a href="#">16238325</a>
CIELab	<a href="#">85.38, 25.12, -16.53</a>
CIELCh	<a href="#">85, 30.073, 326.658</a>
Yxy	<a href="#">66.7549, 0.3165, 0.2815</a>
Android (android.graphics.Color)	<a href="#">4294428405</a> <a href="#">(0xFFFF7C6F5)</a>
YUV	<a href="#">218.0090, 13.3066, 25.4251</a>
Hunter-Lab	<a href="#">81.7037, 20.9457, -11.9759</a>

# Details

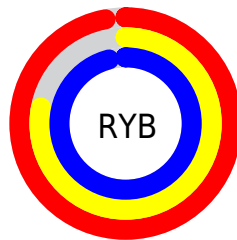
The XYZ color **75.0333, 66.7549, 95.3165** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9775, 82.6995, 67.0797**, and the grayscale version is **66.5529, 70.0188, 76.2505**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3938, 34.5678, 52.6874** is the 20% darker color. If you saturate the color by 10%, you get **69.6886, 56.3101, 92.7781**, and if you desaturate by 10%, it is **81.3035, 79.0471, 98.1690**.

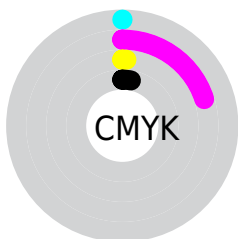
# Distribution



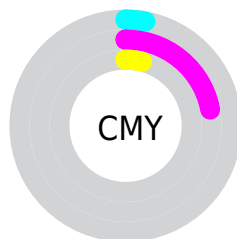
- Red (97%)
- Green (78%)
- Blue (96%)



- Red (97%)
- Yellow (78%)
- Blue (96%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (3%)




- Cyan (3%)
- Magenta (22%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0333, 66.7549, 95.3165 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 75.0333, 66.7549, 95.3165 by changing the saturation by 10% instead.




 75.0333, 66.7549,  
95.3165

 75.0333, 66.7549,  
95.3165


467.0274,  
449.0718, 566.1879

 55.9344, 48.8855,  
71.8001


125.3472,  
114.5691, 156.7011

 40.3872, 34.5286,  
52.5095


157.2929,  
145.2827, 195.4064

 28.0261, 23.3000,  
37.0263


194.2516,  
181.0465, 240.0118

 18.4859, 14.8152,  
24.9319

236.5886,  
222.2449, 290.9357

 11.4012, 8.6898,  
15.8078

284.6694,  
269.2622, 348.5967

 6.4066, 4.5394,  
9.2354

338.8592,

 3.1369, 1.9796,

322.4828, 413.4134

4.7961

399.5234,  
382.2913, 485.8043

■ 1.2266, 0.5956,  
2.0715

■ 0.1272, 0.0000,  
0.5987

■ 75.0333, 66.7549,  
95.3165

■ 75.0333, 66.7549,  
95.3165

■ 69.6886, 56.3101,  
92.7781

■ 81.3035, 79.0471,  
98.1690

■ 65.2187, 47.6148,  
90.5348

■ 88.5347, 93.2610,  
101.3453

■ 61.5775, 40.5753,  
88.5717

■ 91.0657, 98.0734,  
102.9589

■ 58.7119, 35.0859,  
86.8714

■ 91.2227, 98.1362,  
103.7854

56.5630, 31.0285,  
85.4140

91.3805, 98.1993,  
104.6163

55.0633, 28.2681,  
84.1771

91.5391, 98.2628,  
105.4517

54.1323, 26.6438,  
83.1340

91.6986, 98.3266,  
106.2915

53.6391, 25.8938,  
82.2408

91.8589, 98.3907,  
107.1358

53.6323, 25.8840,  
82.2266

92.0201, 98.4552,  
107.9846

# Harmonies

## Analogous

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



69.5092, 66.7549, 111.6328



75.0333, 66.7549, 95.3165



77.4450, 66.7549, 74.8937

# Triad

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



75.0333, 66.7549, 95.3165



64.2152, 66.7549, 41.2966



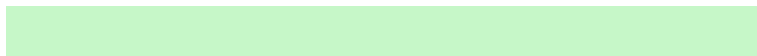
52.4466, 66.7549, 90.8499

# Complementary

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



75.0333, 66.7549, 95.3165



66.9775, 82.6995, 67.0797

# 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.



51.2490, 66.7549, 70.5196



75.0333, 66.7549, 95.3165



57.7508, 66.7549, 44.0474

# Square

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



75.0333, 66.7549, 95.3165



70.9243, 66.7549, 45.6322



53.1221, 66.7549, 53.9529



56.5174, 66.7549, 108.7468



# Rectangle

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



75.0333, 66.7549, 95.3165



76.8441, 66.7549, 62.4520



53.1221, 66.7549, 53.9529



51.7079, 66.7549, 83.9783

# Sweetspot

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



75.0353, 66.7578, 95.3179



90.2614, 90.5835, 106.8085



60.7072, 59.3359, 96.2504



19.2130, 19.1791, 22.8143



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.



75.0353, 66.7578, 95.3179



78.1376, 66.8147, 101.2908



71.5876, 65.3787, 77.1624



17.1827, 16.7559, 20.7086



28.3774, 13.6944, 43.5572



2.5030, 1.2072, 3.8753



# Inverse Universe

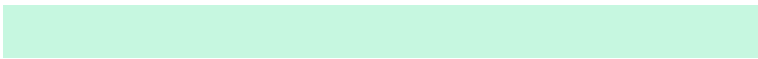
The Inverse Universe completely reimagines the original color for something new.



75.0353, 66.7578, 95.3179



78.1376, 66.8147, 101.2908



70.0245, 83.9183, 83.1255



17.1827, 16.7559, 20.7086



28.3774, 13.6944, 43.5572



2.5030, 1.2072, 3.8753



# Previews

## White Background



This preview shows how the XYZ color 75.0333, 66.7549, 95.3165 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

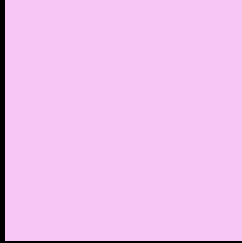
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.0333, 66.7549, 95.3165 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

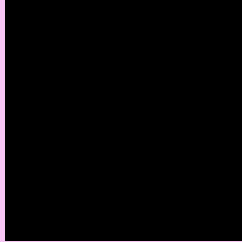
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.0333, 66.7549, 95.3165

## Background



This preview shows how black text looks on a background with the XYZ color 75.0333, 66.7549, 95.3165.



This preview shows how white text looks on a background with the XYZ color 75.0333, 66.7549,



# 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

75.0333, 66.7549, 95.3165

### Protanopia

66.6097, 67.2219, 103.2303

### Deuteranopia

68.2487, 66.7985, 94.0903



## Tritanopia

70.9730, 66.8285, 75.4882

# Trichromacy



## Original Color

75.0333, 66.7549, 95.3165



## Protanomaly

69.2406, 66.8063, 100.5123



## Deuteranomaly

70.5551, 66.5404, 94.7129



## Tritanomaly

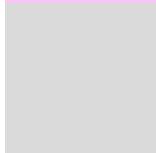
72.1985, 66.6078, 82.4501

# Monochromacy



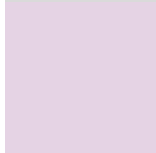
## Original Color

75.0333, 66.7549, 95.3165



## Achromatopsia

66.6397, 70.1102, 76.3500



## Achromatomaly

69.6110, 68.8480, 83.0189

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.0333, 66.7549, 95.3165 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(247, 198, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 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(247, 198, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 245) }
```

## Border

The CSS property to change the border of an element to XYZ 75.0333, 66.7549, 95.3165 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(247, 198, 245) }
```



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

```
.border{ border-color:rgb(247, 198, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 198, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
245) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.0333, 66.7549, 95.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 245) }
```

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

```
.background{ background-color: rgb(247,  
198, 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](#).

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