

# Converting Colors

XYZ(75.1773, 68.1799, 95.1494)

Have a look what the booklet for  
XYZ(75.1773, 68.1799, 95.1494)  
contains.

<b>XYZ(75.1059, 68.1852, 94.7905)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(75.1059, 68.1852,  
94.7905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5CAF4
RGB	245, 202, 244
RGB Percent	96%, 79%, 96%
CMY	0.0392, 0.2078, 0.0431
CMYK	0.00, 0.18, 0.00, 0.04
HSL	301°, 68%, 88%
HSV	301°, 18%, 96%
XYZ	75.1059, 68.1852, 94.7905
YIQ	219.6450, 12.1460, 22.1780

# Conversions

## Conversions Part 2

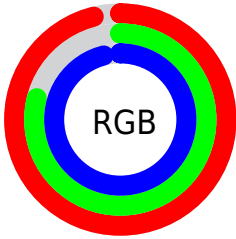
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 202, 244
Decimal	16108276
CIE Lab	86.10, 22.17, -14.94
CIE LCh	86, 26.735, 326.034
Yxy	68.1852, 0.3155, 0.2864
Android (android.graphics.Color)	4294298356 (0xFFF5CAF4)
YUV	219.6450, 12.0070, 22.2363
Hunter-Lab	82.5743, 17.8505, -10.2594

# Details

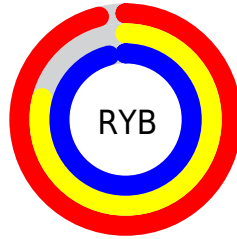
The XYZ color **75.1059, 68.1852, 94.7905** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.7918, 82.1753, 68.7921**, and the grayscale version is **67.6950, 71.2204, 77.5590**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4060, 35.5020, 52.2999** is the 20% darker color. If you saturate the color by 10%, you get **69.7218, 57.5542, 92.5701**, and if you desaturate by 10%, it is **81.4069, 80.6474, 97.3194**.

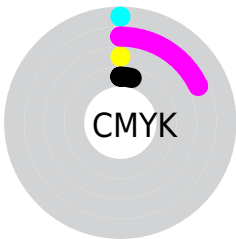
# Distribution



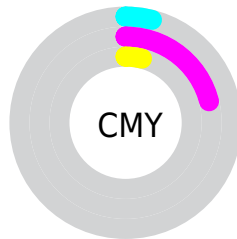
- Red (96%)
- Green (79%)
- Blue (96%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1059, 68.1852, 94.7905 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 75.1059, 68.1852, 94.7905 by changing the saturation by 10% instead.




 75.1059, 68.1852,  
94.7905

 75.1059, 68.1852,  
94.7905

467.2731,  
454.1519, 564.4613

 55.9941, 50.0484,  
71.3647

125.4494,  
116.6170, 155.9682

 40.4352, 35.4519,  
52.1562


157.4118,  
147.6809, 194.5572

 28.0637, 24.0112,  
36.7465

194.3884,  
183.8226, 239.0377

 18.5144, 15.3419,  
24.7170

236.7447,  
225.4264, 289.8282

 11.4219, 9.0597,  
15.6493

284.8460,  
272.8769, 347.3473

 6.4207, 4.7801,  
9.1246

339.0575,

 3.1456, 2.1188,

326.5584, 412.0135

4.7247

399.7448,  
386.8553, 484.2453

■ 1.2312, 0.6752,  
2.0307

■ 0.1308, 0.0000,  
0.5741

■ 75.1059, 68.1852,  
94.7905

■ 75.1059, 68.1852,  
94.7905

■ 69.7218, 57.5542,  
92.5701

■ 81.4069, 80.6474,  
97.3194

■ 65.2056, 48.6596,  
90.6396

■ 88.6589, 95.0120,  
100.1658

■ 61.5128, 41.4115,  
88.9848

■ 90.0071, 97.5689,  
101.0456

■ 58.5927, 35.7084,  
87.5890

■ 90.0946, 97.6039,  
101.5066

56.3890, 31.4377,  
86.4333

90.1824, 97.6390,  
101.9689

54.8378, 28.4714,  
85.4963

90.2705, 97.6743,  
102.4327

53.8637, 26.6590,  
84.7531

90.3588, 97.7096,  
102.8978

53.3671, 25.8012,  
84.1703

90.4474, 97.7450,  
103.3644

53.2813, 25.6626,  
84.0396

90.5363, 97.7806,  
103.8324

# Harmonies

## Analogous

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



70.1315, 68.1852, 108.9736



75.1059, 68.1852, 94.7905



77.3197, 68.1852, 76.6065

# Triad

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



75.1059, 68.1852, 94.7905



65.6284, 68.1852, 45.3507



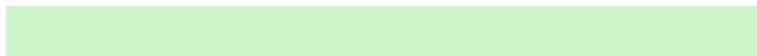
54.7638, 68.1852, 90.1006

# Complementary

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



75.1059, 68.1852, 94.7905



67.7918, 82.1753, 68.7921

# 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.



53.7245, 68.1852, 71.9268



75.1059, 68.1852, 94.7905



59.7609, 68.1852, 47.8064

# Square

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



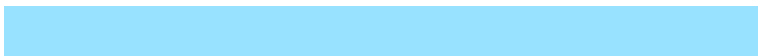
75.1059, 68.1852, 94.7905



71.6336, 68.1852, 49.5725



55.4972, 68.1852, 56.9011



58.4303, 68.1852, 105.9795



# Rectangle

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



75.1059, 68.1852, 94.7905



76.8357, 68.1852, 65.2853



55.4972, 68.1852, 56.9011



54.1059, 68.1852, 83.9827

# Sweetspot

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



75.1079, 68.1882, 94.7920



91.0689, 92.1141, 107.3375



62.1565, 61.4939, 94.9811



19.3773, 19.4881, 22.9292



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.



75.1079, 68.1882, 94.7920



80.0817, 70.3834, 102.9241



72.0692, 66.9727, 78.7901



17.1960, 16.7613, 20.7787



28.7109, 13.8278, 45.3134



2.5286, 1.2174, 4.0100



# Inverse Universe

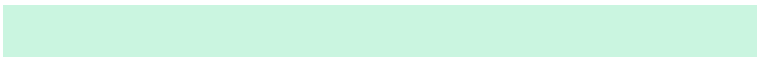
The Inverse Universe completely reimagines the original color for something new.



75.1079, 68.1882, 94.7920



80.0817, 70.3834, 102.9241



70.4960, 83.2570, 83.0324



17.1960, 16.7613, 20.7787



28.7109, 13.8278, 45.3134



2.5286, 1.2174, 4.0100



# Previews

## White Background



This preview shows how the XYZ color 75.1059, 68.1852, 94.7905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

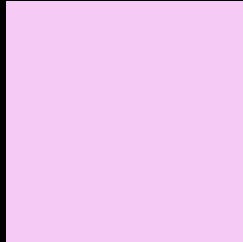
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.1059, 68.1852, 94.7905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

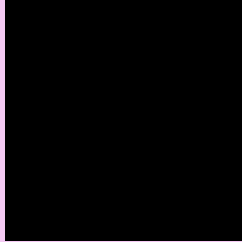
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.1059, 68.1852, 94.7905

## Background



This preview shows how black text looks on a background with the XYZ color 75.1059, 68.1852, 94.7905.



This preview shows how white text looks on a background with the XYZ color 75.1059, 68.1852,



# 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

75.1059, 68.1852, 94.7905

### Protanopia

67.6297, 68.5313, 101.7589

### Deuteranopia

69.8141, 68.3513, 93.5179



## Tritanopia

71.8741, 68.2938, 78.5011

# Trichromacy



## Original Color

75.1059, 68.1852, 94.7905

## Protanomaly

69.9643, 68.3049, 99.1192

## Deuteranomaly

71.7692, 68.2525, 94.1854

## Tritanomaly

73.0764, 68.4305, 84.2198

# Monochromacy



## Original Color

75.1059, 68.1852, 94.7905

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

70.2502, 69.9037, 83.9189

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.1059, 68.1852, 94.7905 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(245, 202, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 244)  
}
```

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(245, 202, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 244) }
```

## Border

The CSS property to change the border of an element to XYZ 75.1059, 68.1852, 94.7905 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(245, 202, 244) }
```



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

```
.border{ border-color:rgb(245, 202, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 202, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 202, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 202, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 202,  
244) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.1059, 68.1852, 94.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 202, 244) }
```

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

```
.background{ background-color: rgb(245,  
202, 244) }
```

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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