

Converting Colors

XYZ(75.3825, 67.8962, 94.4764)

Have a look what the booklet for
XYZ(75.3825, 67.8962, 94.4764)
contains.

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Color

**XYZ(75.5736, 68.0791,
94.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C9F4
RGB	247, 201, 244
RGB Percent	97%, 79%, 96%
CMY	0.0314, 0.2117, 0.0431
CMYK	0.00, 0.19, 0.01, 0.03
HSL	304°, 74%, 88%
HSV	304°, 19%, 97%
XYZ	75.5736, 68.0791, 94.7454
YIQ	219.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

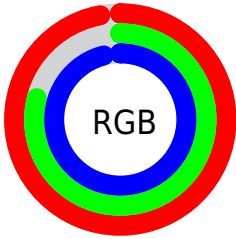
Format	Color
R _Y B	247, 201, 244
Decimal	16239092
CIE Lab	86.05, 23.36, -15.00
CIE LCh	86, 27.760, 327.297
Yxy	68.0791, 0.3170, 0.2856
Android (android.graphics.Color)	4294429172 (0xFFFF7C9F4)
YUV	219.6560, 12.0016, 23.9807
Hunter-Lab	82.5101, 19.1012, -10.3250

Details

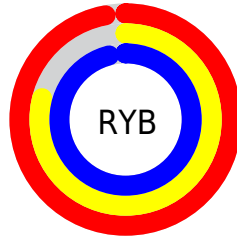
The XYZ color **75.5736, 68.0791, 94.7454** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.2500, 83.3008, 69.6120**, and the grayscale version is **67.7020, 71.2277, 77.5670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7460, 35.4454, 52.2711** is the 20% darker color. If you saturate the color by 10%, you get **70.0293, 57.3793, 91.6962**, and if you desaturate by 10%, it is **82.0499, 80.6373, 98.1174**.

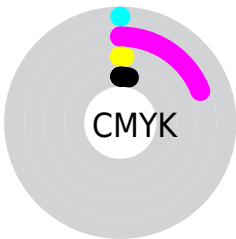
Distribution



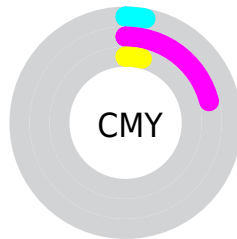
- Red (97%)
- Green (79%)
- Blue (96%)



- Red (97%)
- Yellow (79%)
- Blue (96%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5736, 68.0791, 94.7454 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 75.5736, 68.0791, 94.7454 by changing the saturation by 10% instead.


 75.5736, 68.0791,
94.7454

 75.5736, 68.0791,
94.7454


468.8537,
453.7762, 564.3131

 56.3788, 49.9621,
71.3274


126.1076,
116.4653, 155.9054

 40.7449, 35.3833,
52.1259

158.1774,
147.5033, 194.4844

 28.3066, 23.9583,
36.7225


195.2696,
183.6170, 238.9542

 18.6985, 15.3027,
24.6986

237.7495,
225.1909, 289.7332

 11.5554, 9.0321,
15.6357

285.9825,
272.6094, 347.2401

 6.5117, 4.7621,
9.1152

340.3340,

 3.2022, 2.1084,

326.2569, 411.8933

4.7185

401.1692,
386.5177, 484.1115

■ 1.2616, 0.6693,
2.0273

■ 0.1542, 0.0000,
0.5720

■ 75.5736, 68.0791,
94.7454

■ 75.5736, 68.0791,
94.7454

■ 70.0293, 57.3793,
91.6962

■ 82.0499, 80.6373,
98.1174

■ 65.3668, 48.4407,
88.9507

■ 89.4933, 95.1274,
101.8215

■ 61.5402, 41.1706,
86.4944

■ 91.1915, 98.1237,
103.6212

■ 58.4974, 35.4645,
84.3097

■ 91.4438, 98.2246,
104.9495

■ 56.1800, 31.2061,
82.3774

■ 91.6982, 98.3264,
106.2891

■ 54.5219, 28.2626,
80.6752

■ 91.9548, 98.4290,
107.6402

■ 53.4445, 26.4773,
79.1769

■ 92.1684, 98.5145,
108.7651

■ 52.8349, 25.6242,
77.8450

■ 52.7665, 25.5377,
77.6675

Harmonies

Analogous

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



70.4898, 68.0791, 109.8822



75.5736, 68.0791, 94.7454



77.7325, 68.0791, 75.7936

Triad

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



75.5736, 68.0791, 94.7454



65.2866, 68.0791, 44.3122



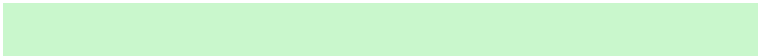
54.4193, 68.0791, 91.4099

Complementary

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



75.5736, 68.0791, 94.7454



68.2500, 83.3008, 69.6120

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.



53.2247, 68.0791, 72.4842



75.5736, 68.0791, 94.7454



59.2497, 68.0791, 47.1143

Square

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



75.5736, 68.0791, 94.7454



71.5546, 68.0791, 48.3481



54.9357, 68.0791, 56.7397



58.3111, 68.0791, 107.7450

Rectangle

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



75.5736, 68.0791, 94.7454



77.1234, 68.0791, 64.1761



54.9357, 68.0791, 56.7397



53.7006, 68.0791, 85.0558

Sweetspot

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



75.5756, 68.0821, 94.7469



90.2015, 90.5596, 106.4932



62.3885, 61.2308, 96.5276



19.1988, 19.1734, 22.7395



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.



75.5756, 68.0821, 94.7469



79.1067, 69.0474, 100.7065



72.3915, 66.8084, 77.9792



17.1642, 16.7485, 20.6113



27.9268, 13.5142, 41.1846



2.4683, 1.1933, 3.6926

Inverse Universe

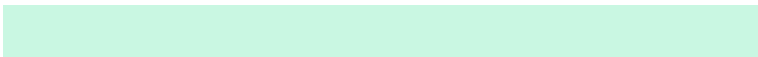
The Inverse Universe completely reimagines the original color for something new.



75.5756, 68.0821, 94.7469



79.1067, 69.0474, 100.7065



71.1193, 84.4485, 84.7218



17.1642, 16.7485, 20.6113



27.9268, 13.5142, 41.1846



2.4683, 1.1933, 3.6926

Previews

White Background



This preview shows how the XYZ color 75.5736, 68.0791, 94.7454 looks on a white background.

Color Contrast Check

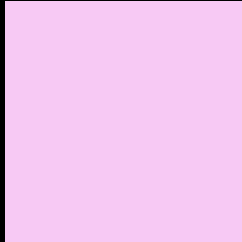
Large Text (above 18pt) WCAG AA × Fail

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 75.5736, 68.0791, 94.7454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

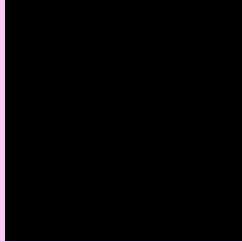
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5736, 68.0791, 94.7454

Background



This preview shows how black text looks on a background with the XYZ color 75.5736, 68.0791, 94.7454.



This preview shows how white text looks on a background with the XYZ color 75.5736, 68.0791,

94.7454.

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

75.5736, 68.0791, 94.7454

Protanopia

67.6297, 68.5313, 101.7589

Deuteranopia

69.8141, 68.3513, 93.5179



Tritanopia

72.1907, 68.1162, 77.7495

Trichromacy



Original Color

75.5736, 68.0791, 94.7454



Protanomaly

70.0235, 67.9701, 99.0514



Deuteranomaly

71.7692, 68.2525, 94.1854



Tritanomaly

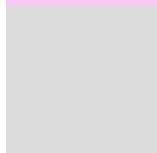
73.3919, 68.2554, 83.4352

Monochromacy



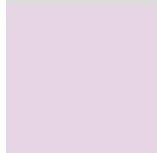
Original Color

75.5736, 68.0791, 94.7454



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

70.5702, 70.0686, 83.9339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5736, 68.0791, 94.7454 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, 201, 244)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 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(247, 201, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 244) }
```

Border

The CSS property to change the border of an element to XYZ 75.5736, 68.0791, 94.7454 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, 201, 244) }
```


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

```
.border{ border-color:rgb(247, 201, 244) }
```

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

Here you see how a box with a 4 pixel rgb(247, 201, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 244);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5736, 68.0791, 94.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 244) }
```

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

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