

# Converting Colors

XYZ(74.9781, 70.2650, 95.8369)

Have a look what the booklet for  
XYZ(74.9781, 70.2650, 95.8369)  
contains.

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# Color

**XYZ(74.9725, 70.2296,  
95.9904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0D0F5
RGB	240, 208, 245
RGB Percent	94%, 82%, 96%
CMY	0.0588, 0.1843, 0.0392
CMYK	0.02, 0.15, 0.00, 0.04
HSL	292°, 65%, 89%
HSV	292°, 15%, 96%
XYZ	74.9725, 70.2296, 95.9904
YIQ	221.7860, 7.1950, 18.2910

# Conversions

## Conversions Part 2

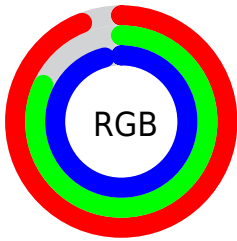
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 208, 245
Decimal	15782133
CIE Lab	87.11, 17.54, -14.00
CIE LCh	87, 22.444, 321.416
Yxy	70.2296, 0.3108, 0.2912
Android (android.graphics.Color)	4293972213 (0xFFFF0D0F5)
YUV	221.7860, 11.4445, 15.9737
Hunter-Lab	83.8031, 13.0355, -9.2502

# Details

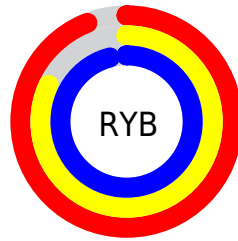
The XYZ color **74.9725, 70.2296, 95.9904** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4807, 84.0068, 72.1255**, and the grayscale version is **69.2003, 72.8041, 79.2836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5081, 36.9757, 53.1461** is the 20% darker color. If you saturate the color by 10%, you get **68.3414, 58.6198, 94.1000**, and if you desaturate by 10%, it is **82.5509, 83.7013, 98.1923**.

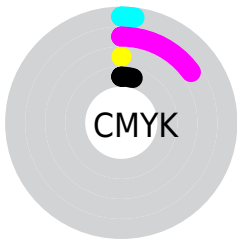
# Distribution



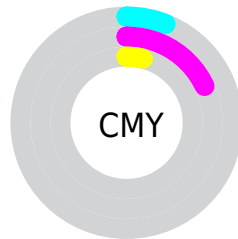
- Red (94%)
- Green (82%)
- Blue (96%)



- Red (94%)
- Yellow (82%)
- Blue (96%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (18%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9725, 70.2296, 95.9904 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 74.9725, 70.2296, 95.9904 by changing the saturation by 10% instead.



74.9725, 70.2296,  
95.9904

74.9725, 70.2296,  
95.9904

466.8217,  
461.3558, 568.3959

55.8845, 51.7137,  
72.3581

125.2615,  
119.5361, 157.6395

40.3469, 36.7769,  
52.9627

157.1933,  
151.0956, 196.4934

27.9946, 25.0348,  
37.3854

194.1369,  
187.7717, 241.2583

18.4620, 16.1030,  
25.2079

236.4579,  
229.9488, 292.3526

11.3839, 9.5971,  
16.0116

284.5215,  
278.0114, 350.1951

6.3948, 5.1326,  
9.3779

338.6931,

3.1296, 2.3253,

332.3438, 415.2040

4.8883

399.3380,  
393.3305, 487.7982

■ 1.2226, 0.7870,  
2.1243

■ 0.1241, 0.0000,  
0.6302

■ 74.9725, 70.2296,  
95.9904

■ 74.9725, 70.2296,  
95.9904

■ 68.3414, 58.6198,  
94.1000

■ 82.5509, 83.7013,  
98.1923

■ 62.6091, 48.7784,  
92.5026

■ 90.4668, 97.8184,  
100.5000

■ 57.7320, 40.6172,  
91.1844

■ 91.6425, 98.4246,  
100.5550

■ 53.6604, 34.0371,  
90.1289

■ 92.8391, 99.0414,  
100.6110

■ 50.3394, 28.9285,  
89.3178

■ 93.4816, 99.3727,  
100.6411

■ 47.7070, 25.1675,  
88.7306

■ 45.6912, 22.6101,  
88.3432

■ 44.2031, 21.0789,  
88.1261

■ 43.6019, 20.5737,  
88.0603

# Harmonies

## Analogous

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



70.5122, 70.2296, 106.7240



74.9725, 70.2296, 95.9904



77.2584, 70.2296, 80.8729

# Triad

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



74.9725, 70.2296, 95.9904



68.2720, 70.2296, 51.2563



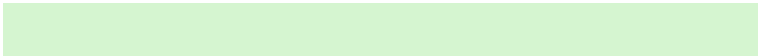
57.7722, 70.2296, 87.5385

# Complementary

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



74.9725, 70.2296, 95.9904



71.4807, 84.0068, 72.1255

# 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.



57.2425, 70.2296, 72.2262



74.9725, 70.2296, 95.9904



63.1262, 70.2296, 52.5502

# Square

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



74.9725, 70.2296, 95.9904



73.2588, 70.2296, 55.9890



59.1539, 70.2296, 59.7902



60.6407, 70.2296, 101.4158



# Rectangle

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



74.9725, 70.2296, 95.9904



77.1627, 70.2296, 70.8775



59.1539, 70.2296, 59.7902



57.3209, 70.2296, 82.3452

# Sweetspot

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



74.9746, 70.2326, 95.9919



90.4855, 91.8079, 107.5593



66.4296, 67.8714, 95.9865



19.2350, 19.4134, 22.9833



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.



74.9746, 70.2326, 95.9919



79.8696, 72.9725, 104.4833



74.7868, 70.3563, 86.0217



16.9805, 16.6481, 20.8610



23.5756, 11.1280, 47.4434



2.1317, 1.0088, 4.1726



# Inverse Universe

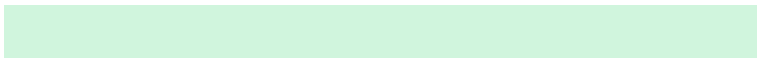
The Inverse Universe completely reimagines the original color for something new.



72.2247, 69.3315, 72.5298



76.3697, 71.8319, 74.3341



71.7118, 83.9343, 80.7958



16.5903, 16.5190, 17.5891



20.4633, 10.5288, 1.8823



1.8264, 0.9365, 0.3121



# Previews

## White Background



This preview shows how the XYZ color 74.9725, 70.2296, 95.9904 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

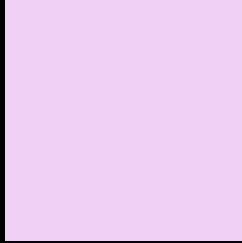
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.9725, 70.2296, 95.9904 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

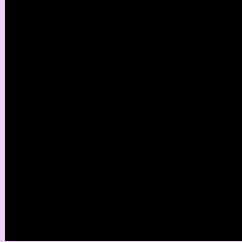
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 74.9725, 70.2296, 95.9904

## Background



This preview shows how black text looks on a background with the XYZ color 74.9725, 70.2296, 95.9904.



This preview shows how white text looks on a background with the XYZ color 74.9725, 70.2296,

95.9904.

# 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

74.9725, 70.2296, 95.9904

### Protanopia

69.6660, 70.7369, 101.2486

### Deuteranopia

72.1183, 70.6141, 95.4168



## Tritanopia

72.2229, 70.1945, 83.1411

# Trichromacy



## Original Color

74.9725, 70.2296, 95.9904

## Protanomaly

71.5769, 70.6207, 99.4812

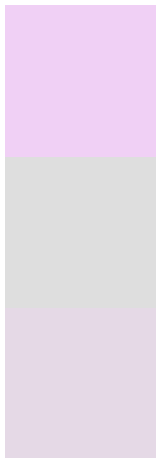
## Deuteranomaly

72.9021, 70.2760, 95.3102

## Tritanomaly

73.1578, 70.2108, 87.5381

# Monochromacy



## Original Color

74.9725, 70.2296, 95.9904

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

71.4089, 71.9969, 84.9960

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.9725, 70.2296, 95.9904 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(240, 208, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 208, 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(240, 208, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 208, 245) }
```

## Border

The CSS property to change the border of an element to XYZ 74.9725, 70.2296, 95.9904 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(240, 208, 245) }
```



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

```
.border{ border-color:rgb(240, 208, 245) }
```

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

Here you see how a box with a 4 pixel rgb(240, 208, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 208, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 208, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 208,  
245) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.9725, 70.2296, 95.9904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 208, 245) }
```

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

```
.background{ background-color: rgb(240,  
208, 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](#).

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