

# Converting Colors

XYZ(77.2591, 74.5919, 94.7633)

Have a look what the booklet for  
XYZ(77.2591, 74.5919, 94.7633)  
contains.

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# Color

**XYZ(77.3515, 74.4600,  
95.0894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D8F3
RGB	242, 216, 243
RGB Percent	95%, 85%, 95%
CMY	0.0510, 0.1529, 0.0471
CMYK	0.00, 0.11, 0.00, 0.05
HSL	298°, 53%, 90%
HSV	298°, 11%, 95%
XYZ	77.3515, 74.4600, 95.0894
YIQ	226.8520, 6.8290, 13.9090

# Conversions

## Conversions Part 2

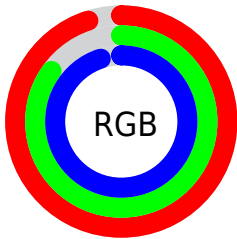
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 216, 243
Decimal	15915251
CIE <sub>Lab</sub>	89.14, 13.63, -9.90
CIE <sub>LCh</sub>	89, 16.843, 324.020
Yxy	74.4600, 0.3133, 0.3016
Android (android.graphics.Color)	4294105331 (0xFFFF2D8F3)
YUV	226.8520, 7.9610, 13.2848
Hunter-Lab	86.2902, 9.0015, -4.9328

# Details

The XYZ color **77.3515, 74.4600, 95.0894** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.0632, 83.8127, 77.2960**, and the grayscale version is **72.8485, 76.6423, 83.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9642, 39.5167, 52.4294** is the 20% darker color. If you saturate the color by 10%, you get **71.2733, 62.7598, 93.1525**, and if you desaturate by 10%, it is **84.3562, 88.0086, 97.3365**.

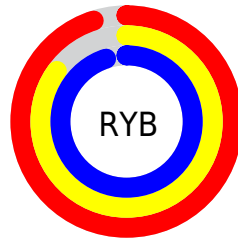
# Distribution



Red (95%)

Green (85%)

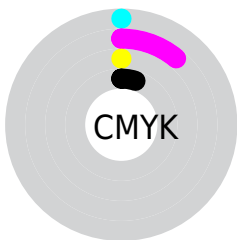
Blue (95%)



Red (95%)

Yellow (85%)

Blue (95%)

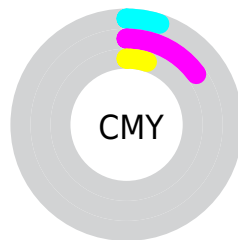


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3515, 74.4600, 95.0894 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 77.3515, 74.4600, 95.0894 by changing the saturation by 10% instead.



77.3515, 74.4600,  
95.0894

77.3515, 74.4600,  
95.0894

474.8352,  
476.0595, 565.4428

57.8423, 55.1706,  
71.6121

128.6058,  
125.5477, 156.3848

41.9247, 39.5383,  
52.3570

161.0816,  
158.1148, 195.0399

29.2332, 27.1788,  
36.9055

198.6103,  
195.8765, 239.5913

19.4024, 17.7075,  
24.8391

241.5573,  
239.2174, 290.4577

12.0672, 10.7402,  
15.7393

290.2879,  
288.5217, 348.0575

6.8620, 5.8924,  
9.1875

345.1676,

3.4215, 2.7798,

344.1739, 412.8092

4.7652

406.5615,  
406.5583, 485.1315

■ 1.3804, 1.0179,  
2.0539

■ 0.2422, 0.0000,  
0.5881

■ 77.3515, 74.4600,  
95.0894

■ 77.3515, 74.4600,  
95.0894

■ 71.2733, 62.7598,  
93.1525

■ 84.3562, 88.0086,  
97.3365

■ 66.0748, 52.8179,  
91.5075

■ 89.1772, 97.1887,  
98.8543

■ 61.7149, 44.5510,  
90.1416

■ 89.4899, 97.3499,  
98.8689

■ 58.1467, 37.8653,  
89.0392

■ 89.8041, 97.5119,  
98.8837

■ 55.3187, 32.6578,  
88.1831

■ 90.1199, 97.6747,  
98.8984

■ 53.1734, 28.8133,  
87.5541

■ 90.4372, 97.8383,  
98.9133

■ 51.6447, 26.1997,  
87.1302

■ 90.7560, 98.0026,  
98.9282

■ 50.6532, 24.6586,  
86.8850

■ 91.0763, 98.1677,  
98.9432

■ 50.1106, 23.9641,  
86.7796

■ 91.3982, 98.3337,  
98.9583

# Harmonies

## Analogous

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



74.0329, 74.4600, 103.5179



77.3515, 74.4600, 95.0894



78.9137, 74.4600, 83.4517

# Triad

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



77.3515, 74.4600, 95.0894



71.5973, 74.4600, 60.6111



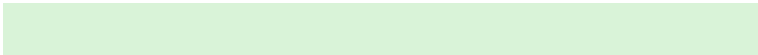
63.8063, 74.4600, 90.6256

# Complementary

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



77.3515, 74.4600, 95.0894



73.0632, 83.8127, 77.2960

# 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.



63.2105, 74.4600, 78.7425



77.3515, 74.4600, 95.0894



67.6083, 74.4600, 62.1344

# Square

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



77.3515, 74.4600, 95.0894



75.5100, 74.4600, 64.1272



64.5766, 74.4600, 68.5087



66.2365, 74.4600, 100.7715



# Rectangle

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



77.3515, 74.4600, 95.0894



78.7073, 74.4600, 75.7218



64.5766, 74.4600, 68.5087



63.3888, 74.4600, 86.6732

# Sweetspot

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



77.3537, 74.4632, 95.0910



92.5538, 95.1621, 108.0978



69.4029, 70.8799, 94.8184



19.6710, 20.0988, 23.0926



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

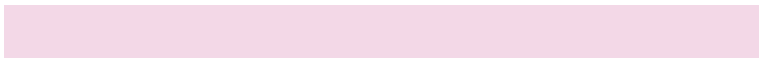
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3537, 74.4632, 95.0910



84.9213, 80.4108, 105.6527



75.9230, 73.9307, 85.7611



17.1494, 16.7352, 20.8689



27.5287, 13.1659, 47.6284



2.4381, 1.1667, 4.1869



# Inverse Universe

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



74.0449, 73.1795, 75.8716



80.6512, 78.7548, 80.8173



74.3965, 84.3118, 85.8633



16.5240, 16.4925, 17.2400



20.3239, 10.4730, 1.1482

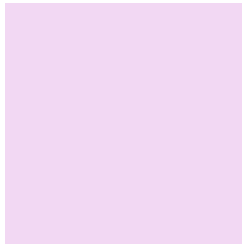


1.7949, 0.9239, 0.1461



# Previews

## White Background



This preview shows how the XYZ color 77.3515, 74.4600, 95.0894 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

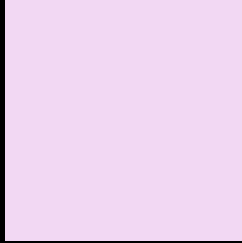
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.3515, 74.4600, 95.0894 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

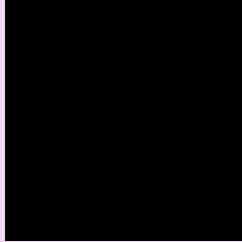
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 77.3515, 74.4600, 95.0894

## Background



This preview shows how black text looks on a background with the XYZ color 77.3515, 74.4600, 95.0894.



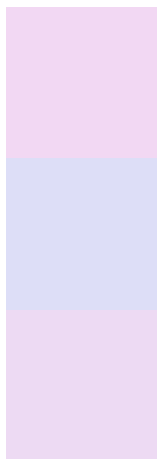
This preview shows how white text looks on a background with the XYZ color 77.3515, 74.4600,



# 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

77.3515, 74.4600, 95.0894

### Protanopia

72.7286, 74.3301, 98.5096

### Deuteranopia

76.1741, 74.6184, 95.1820



## Tritanopia

75.9398, 74.2670, 88.1744

# Trichromacy



## Original Color

77.3515, 74.4600, 95.0894

## Protanomaly

74.5409, 74.4982, 97.6396

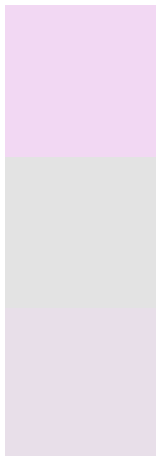
## Deuteranomaly

76.5871, 74.4475, 95.1272

## Tritanomaly

76.3745, 74.4409, 90.4639

# Monochromacy



## Original Color

77.3515, 74.4600, 95.0894

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

74.3744, 75.8143, 87.8045

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.3515, 74.4600, 95.0894 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(242, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 243)  
}
```

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(242, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 77.3515, 74.4600, 95.0894 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(242, 216, 243) }
```



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

```
.border{ border-color:rgb(242, 216, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.3515, 74.4600, 95.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 243) }
```

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

```
.background{ background-color: rgb(242,  
216, 243) }
```

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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