

# Converting Colors

XYZ(78.0490, 75.9959, 94.3766)

Have a look what the booklet for  
XYZ(78.0490, 75.9959, 94.3766)  
contains.

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# Color

**XYZ(77.9765, 75.9511,  
94.5546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2DBF2
RGB	242, 219, 242
RGB Percent	95%, 86%, 95%
CMY	0.0510, 0.1412, 0.0510
CMYK	0.00, 0.10, 0.00, 0.05
HSL	300°, 47%, 90%
HSV	300°, 10%, 95%
XYZ	77.9765, 75.9511, 94.5546
YIQ	228.4990, 6.3250, 12.0290

# Conversions

## Conversions Part 2

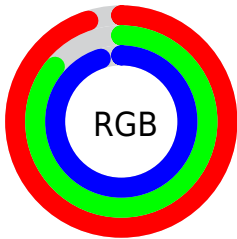
Format	Color
R <sub>Y</sub> B	242, 219, 242
Decimal	15916018
CIE Lab	89.84, 11.88, -8.33
CIE LCh	90, 14.511, 324.945
Yxy	75.9511, 0.3138, 0.3057
Android (android.graphics.Color)	4294106098 (0xFF2DBF2)
YUV	228.4990, 6.6560, 11.8404
Hunter-Lab	87.1499, 7.1987, -3.3226

# Details

The XYZ color **77.9765, 75.9511, 94.5546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7547, 83.6810, 79.2866**, and the grayscale version is **74.0596, 77.9165, 84.8511**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3881, 40.5352, 52.0444** is the 20% darker color. If you saturate the color by 10%, you get **72.1172, 64.2315, 92.6022**, and if you desaturate by 10%, it is **84.7580, 89.5129, 96.8162**.

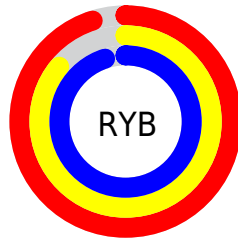
# Distribution



Red (95%)

Green (86%)

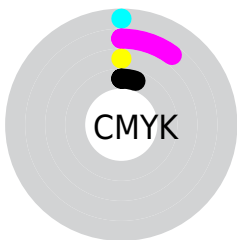
Blue (95%)



Red (95%)

Yellow (86%)

Blue (95%)

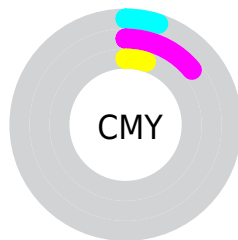


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (14%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9765, 75.9511, 94.5546 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 77.9765, 75.9511, 94.5546 by changing the saturation by 10% instead.



77.9765, 75.9511,  
94.5546

77.9765, 75.9511,  
94.5546

476.9280,  
481.1803, 563.6860

58.3574, 56.3924,  
71.1695

129.4825,  
127.6578, 155.6394

42.3404, 40.5176,  
51.9978

162.1002,  
160.5746, 194.1762

29.5602, 27.9424,  
36.6211

199.7814,  
198.7128, 238.6006

19.6514, 18.2822,  
24.6208

242.8915,  
242.4570, 289.3311

12.2487, 11.1528,  
15.5783

291.7958,  
292.1914, 346.7864

6.9867, 6.1697,  
9.0751

346.8598,

3.5000, 2.9485,

348.3005, 411.3850

4.6927

408.4488,  
411.1687, 483.5453

■ 1.4234, 1.1049,  
2.0126

■ 0.2728, 0.0000,  
0.5630

■ 77.9765, 75.9511,  
94.5546

■ 77.9765, 75.9511,  
94.5546

■ 72.1172, 64.2315,  
92.6022

■ 84.7580, 89.5129,  
96.8162

■ 67.1341, 54.2653,  
90.9410

■ 88.4058, 96.8085,  
98.0323

■ 62.9871, 45.9713,  
89.5584

■ 88.4059, 96.8085,  
98.0326

■ 59.6303, 39.2578,  
88.4393

■ 88.4059, 96.8085,  
98.0328

57.0137, 34.0246,  
87.5669

88.4059, 96.8085,  
98.0330

55.0813, 30.1598,  
86.9226

88.4060, 96.8085,  
98.0332

53.7692, 27.5358,  
86.4850

88.4060, 96.8085,  
98.0334

53.0018, 26.0010,  
86.2290

88.4061, 96.8086,  
98.0336

52.6584, 25.3144,  
86.1144

88.4061, 96.8086,  
98.0338

# Harmonies

## Analogous

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



75.1337, 75.9511, 101.9069



77.9765, 75.9511, 94.5546



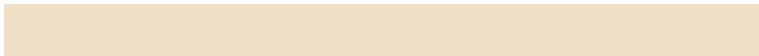
79.2709, 75.9511, 84.4482

# Triad

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



77.9765, 75.9511, 94.5546



72.7979, 75.9511, 64.5614



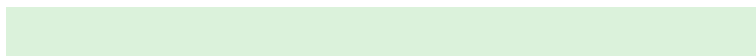
66.1216, 75.9511, 91.3007

# Complementary

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



77.9765, 75.9511, 94.5546



73.7547, 83.6810, 79.2866

# 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.



65.5424, 75.9511, 80.9718



77.9765, 75.9511, 94.5546



69.3227, 75.9511, 66.0684

# Square

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



77.9765, 75.9511, 94.5546



76.2185, 75.9511, 67.5762



66.6957, 75.9511, 71.8762



68.3045, 75.9511, 99.9221



# Rectangle

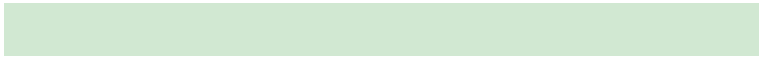
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9765, 75.9511, 94.5546



79.0516, 75.9511, 77.7134



66.6957, 75.9511, 71.8762



65.7360, 75.9511, 87.8909

# Sweetspot

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



77.9787, 75.9544, 94.5562



92.6579, 95.2158, 108.1026



70.5753, 72.1378, 94.2100



19.6992, 20.1134, 23.0939



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.



77.9787, 75.9544, 94.5562



86.7454, 83.3908, 106.1315



76.3053, 75.2850, 85.7440



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2583



2.3527, 1.1301, 3.8483



# Inverse Universe

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



77.9787, 75.9544, 94.5562



86.7454, 83.3908, 106.1315



75.3215, 84.3077, 87.5374



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2583

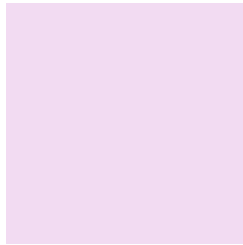


2.3527, 1.1301, 3.8483



# Previews

## White Background



This preview shows how the XYZ color 77.9765, 75.9511, 94.5546 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

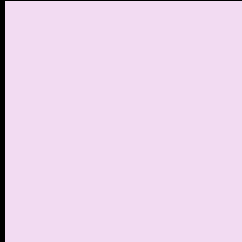
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.9765, 75.9511, 94.5546 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

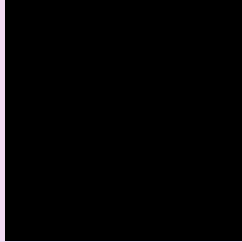
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 77.9765, 75.9511, 94.5546

## Background



This preview shows how black text looks on a background with the XYZ color 77.9765, 75.9511, 94.5546.



This preview shows how white text looks on a background with the XYZ color 77.9765, 75.9511,

94.5546.

# 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

77.9765, 75.9511, 94.5546

### Protanopia

74.1471, 76.2903, 97.2037

### Deuteranopia

77.6342, 75.7746, 94.5386



## Tritanopia

77.1549, 76.0016, 90.7240

# Trichromacy



## Original Color

77.9765, 75.9511, 94.5546

## Protanomaly

75.6718, 76.2959, 96.3262

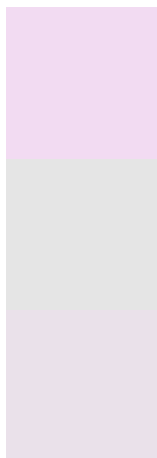
## Deuteranomaly

77.6342, 75.7746, 94.5386

## Tritanomaly

77.4488, 76.1192, 92.2718

# Monochromacy



## Original Color

77.9765, 75.9511, 94.5546

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.7082, 77.2834, 88.7688

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.9765, 75.9511, 94.5546 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, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 242)  
}
```

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, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 77.9765, 75.9511, 94.5546 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, 219, 242) }
```



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

```
.border{ border-color:rgb(242, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.9765, 75.9511, 94.5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 242) }
```

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

```
.background{ background-color: rgb(242,  
219, 242) }
```

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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