

# Converting Colors

XYZ(76.4645, 77.1546, 94.0813)

Have a look what the booklet for  
XYZ(76.4645, 77.1546, 94.0813)  
contains.

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# Color

**XYZ(76.4645, 77.1546,  
94.0813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAE0F1
RGB	234, 224, 241
RGB Percent	92%, 88%, 95%
CMY	0.0823, 0.1215, 0.0549
CMYK	0.03, 0.07, 0.00, 0.05
HSL	275°, 38%, 91%
HSV	275°, 7%, 95%
XYZ	76.4645, 77.1546, 94.0813
YIQ	228.9280, 0.5030, 7.4070

# Conversions

## Conversions Part 2

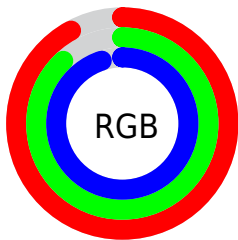
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 224, 241
Decimal	15393009
CIE Lab	90.39, 6.44, -7.06
CIE LCh	90, 9.551, 312.369
Yxy	77.1546, 0.3087, 0.3115
Android (android.graphics.Color)	4293583089 (0xFFEAE0F1)
YUV	228.9280, 5.9515, 4.4481
Hunter-Lab	87.8377, 1.6719, -2.0180

# Details

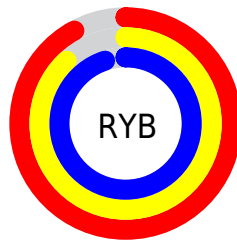
The XYZ color **76.4645, 77.1546, 94.0813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8677, 85.2834, 82.8822**, and the grayscale version is **74.3825, 78.2562, 85.2210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3050, 41.3437, 51.7021** is the 20% darker color. If you saturate the color by 10%, you get **67.2738, 63.4751, 91.9265**, and if you desaturate by 10%, it is **86.7603, 92.7708, 96.5541**.

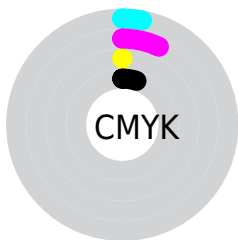
# Distribution



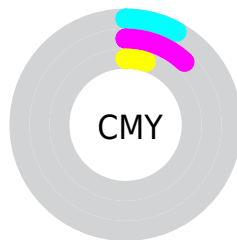
- Red (92%)
- Green (88%)
- Blue (95%)



- Red (92%)
- Yellow (88%)
- Blue (95%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (12%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4645, 77.1546, 94.0813 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 76.4645, 77.1546, 94.0813 by changing the saturation by 10% instead.



76.4645, 77.1546,  
94.0813

76.4645, 77.1546,  
94.0813

471.8563,  
485.2910, 562.1287

57.1119, 57.3798,  
70.7779

127.3602,  
129.3577, 154.9794

41.3355, 41.3102,  
51.6803

159.6339,  
162.5547, 193.4112

28.7702, 28.5616,  
36.3698

196.9453,  
200.9947, 237.7229

19.0505, 18.7494,  
24.4280

239.6599,  
245.0618, 288.3331

11.8110, 11.4893,  
15.4363

288.1429,  
295.1407, 345.6602

6.6864, 6.3970,  
8.9761

342.7598,

3.3113, 3.0879,

351.6155, 410.1228

4.6290

403.8758,  
414.8708, 482.1394

■ 1.3205, 1.1778,  
1.9764

■ 0.1985, 0.0435,  
0.5407

■ 76.4645, 77.1546,  
94.0813

■ 76.4645, 77.1546,  
94.0813

■ 67.2738, 63.4751,  
91.9265

■ 86.7603, 92.7708,  
96.5541

■ 59.1400, 51.6440,  
90.0715

■ 92.4567, 98.9141,  
97.4396

■ 52.0212, 41.5809,  
88.5044

■ 92.8774, 99.1310,  
97.4593

■ 45.8700, 33.1953,  
87.2100

■ 40.6347, 26.3887,  
86.1721

■ 36.2581, 21.0516,  
85.3726

■ 32.6758, 17.0605,  
84.7910

■ 29.8129, 14.2703,  
84.4034

■ 27.5735, 12.4950,  
84.1787

# Harmonies

## Analogous

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



74.3190, 77.1546, 97.4892



76.4645, 77.1546, 94.0813



77.7872, 77.1546, 88.0460

# Triad

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



76.4645, 77.1546, 94.0813



74.7298, 77.1546, 72.1124



68.9479, 77.1546, 86.8506

# Complementary

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



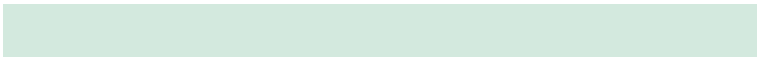
76.4645, 77.1546, 94.0813



77.8677, 85.2834, 82.8822

# 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.



69.0524, 77.1546, 80.0959



76.4645, 77.1546, 94.0813



72.3560, 77.1546, 71.8311

# Square

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



76.4645, 77.1546, 94.0813



76.7708, 77.1546, 75.4716



70.2884, 77.1546, 74.6811



69.9996, 77.1546, 93.1655

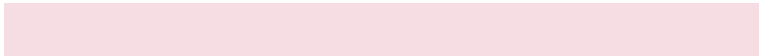


# Rectangle

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



76.4645, 77.1546, 94.0813



78.0072, 77.1546, 83.4671



70.2884, 77.1546, 74.6811



68.8496, 77.1546, 84.5518

# Sweetspot

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



76.4667, 77.1579, 94.0830



92.6760, 96.3929, 108.3289



75.2199, 79.3997, 94.5814



19.8614, 20.6698, 23.1928



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.



76.4667, 77.1579, 94.0830



85.8602, 86.1091, 106.7031



78.5999, 78.2819, 93.0826



15.7883, 15.6881, 19.9176



14.7922, 6.6311, 45.6282



1.3433, 0.6098, 3.8011



# Inverse Universe

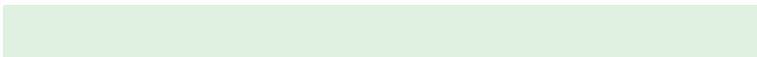
The Inverse Universe completely reimagines the original color for something new.



77.3578, 77.7851, 86.5421



87.0119, 86.9190, 96.9865



75.8461, 84.2189, 83.7946



16.0427, 15.8668, 17.7812



20.9627, 10.6575, 7.7200

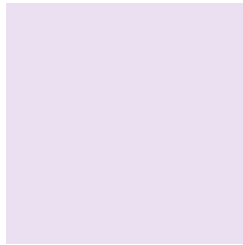


1.7922, 0.9059, 0.8965



# Previews

## White Background



This preview shows how the XYZ color 76.4645, 77.1546, 94.0813 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

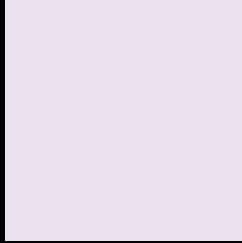
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.4645, 77.1546, 94.0813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

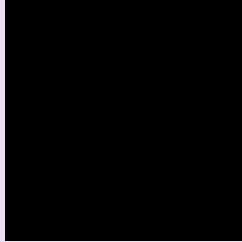
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.4645, 77.1546, 94.0813**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.4645, 77.1546, 94.0813.



This preview shows how white text looks on a background with the XYZ color 76.4645, 77.1546,



# 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

76.4645, 77.1546, 94.0813

### Protanopia

74.9019, 77.1344, 94.9451

### Deuteranopia

78.8456, 77.1784, 94.7457



## Tritanopia

76.6144, 77.2145, 94.8703

# Trichromacy



## Original Color

76.4645, 77.1546, 94.0813

## Protanomaly

75.5854, 77.0842, 94.8994

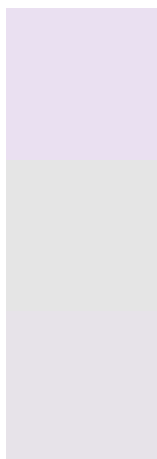
## Deuteranomaly

78.0835, 77.1786, 94.7859

## Tritanomaly

76.6144, 77.2145, 94.8703

# Monochromacy



## Original Color

76.4645, 77.1546, 94.0813

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.1321, 77.8103, 88.1498

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.4645, 77.1546, 94.0813 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(234, 224, 241) looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 241)  
}
```

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(234, 224, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 76.4645, 77.1546, 94.0813 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(234, 224, 241) }
```



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

```
.border{ border-color:rgb(234, 224, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 241);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.4645, 77.1546, 94.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 241) }
```

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

```
.background{ background-color: rgb(234,  
224, 241) }
```

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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