

# Converting Colors

XYZ(74.1136, 76.9301, 85.8069)

Have a look what the booklet for  
XYZ(74.1136, 76.9301, 85.8069)  
contains.

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# **Color**

**XYZ(74.1124, 76.9289,  
85.8055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E2E6
RGB	230, 226, 230
RGB Percent	90%, 89%, 90%
CMY	0.0980, 0.1137, 0.0980
CMYK	0.00, 0.02, 0.00, 0.10
HSL	300°, 7%, 89%
HSV	300°, 2%, 90%
XYZ	74.1124, 76.9289, 85.8055
YIQ	227.6520, 1.1000, 2.0920

# Conversions

## Conversions Part 2

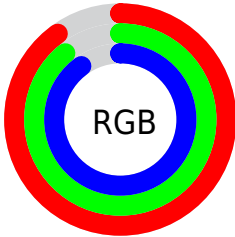
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	230, 226, 230
Decimal	15131366
CIE Lab	90.29, 2.07, -1.48
CIE LCh	90, 2.540, 324.425
Yxy	76.9289, 0.3129, 0.3248
Android (android.graphics.Color)	4293321446 (0xFFE6E2E6)
YUV	227.6520, 1.1576, 2.0592
Hunter-Lab	87.7091, -2.6621, 3.3932

# Details

The XYZ color **74.1124, 76.9289, 85.8055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3913, 78.2554, 83.1922**, and the grayscale version is **73.4817, 77.3085, 84.1890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9800, 41.3349, 46.4287** is the 20% darker color. If you saturate the color by 10%, you get **68.2738, 65.2508, 83.8603**, and if you desaturate by 10%, it is **80.7943, 90.2914, 88.0337**.

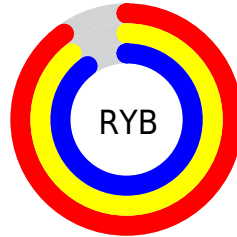
# Distribution



Red (90%)

Green (89%)

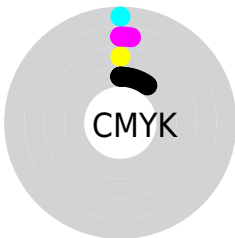
Blue (90%)



Red (90%)

Yellow (89%)

Blue (90%)

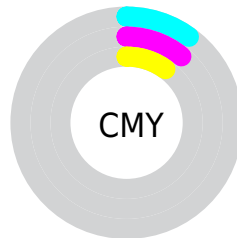


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1124, 76.9289, 85.8055 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 74.1124, 76.9289, 85.8055 by changing the saturation by 10% instead.



■ 74.1124, 76.9289,  
85.8055

■ 74.1124, 76.9289,  
85.8055

463.9055,  
484.5216, 534.5036

■ 55.1776, 57.1945,  
63.9532

124.0498,  
129.0391, 143.3822

■ 39.7784, 41.1614,  
46.1668

155.7831,  
162.1837, 179.9436

■ 27.5492, 28.4452,  
32.0279

192.5133,  
200.5672, 222.2452

■ 18.1249, 18.6616,  
21.1178

234.6058,  
244.5740, 270.7054

■ 11.1399, 11.4260,  
13.0180

282.4259,  
294.5884, 325.7428

■ 6.2290, 6.3541,  
7.3101

336.3390,

■ 3.0268, 3.0616,

350.9949, 387.7759

3.5754

396.7104,  
414.1778, 457.2234

■ 1.1680, 1.1640,  
1.3954

■ 0.0808, 0.0320,  
0.1382

■ 74.1124, 76.9289,  
85.8055

■ 74.1124, 76.9289,  
85.8055

■ 68.2738, 65.2508,  
83.8603

■ 80.7943, 90.2914,  
88.0337

■ 63.2387, 55.1810,  
82.1820

■ 82.6770, 94.0566,  
88.6612

■ 58.9741, 46.6519,  
80.7605

■ 82.6772, 94.0567,  
88.6612

■ 55.4419, 39.5877,  
79.5831

■ 82.6773, 94.0568,  
88.6612

52.6009, 33.9060,  
78.6362

82.6775, 94.0569,  
88.6613

50.4059, 29.5162,  
77.9045

82.6776, 94.0569,  
88.6613

48.8062, 26.3171,  
77.3714

82.6778, 94.0570,  
88.6613

47.7437, 24.1921,  
77.0172

82.6779, 94.0571,  
88.6613

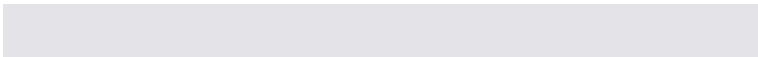
47.1483, 23.0017,  
76.8188

82.6781, 94.0572,  
88.6613

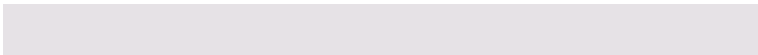
# Harmonies

## Analogous

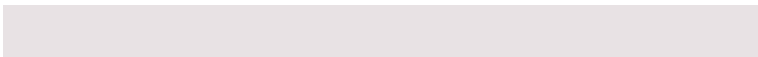
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6227, 76.9289, 86.9745



74.1124, 76.9289, 85.8055



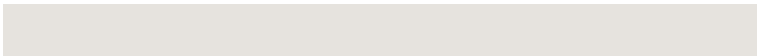
74.3359, 76.9289, 84.1014

# Triad

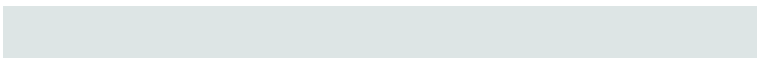
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1124, 76.9289, 85.8055



73.2368, 76.9289, 80.3431



72.0167, 76.9289, 85.2112

# Complementary

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



74.1124, 76.9289, 85.8055



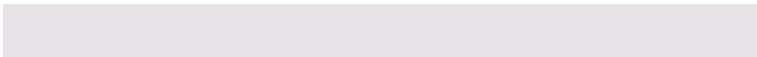
73.3913, 78.2554, 83.1922

# 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.



71.9147, 76.9289, 83.4245



74.1124, 76.9289, 85.8055



72.6168, 76.9289, 80.6306

# Square

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



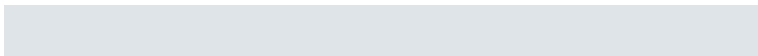
74.1124, 76.9289, 85.8055



73.8285, 76.9289, 80.9610



72.1337, 76.9289, 81.7522



72.4133, 76.9289, 86.6279



# Rectangle

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



74.1124, 76.9289, 85.8055



74.3030, 76.9289, 82.8977



72.1337, 76.9289, 81.7522



71.9469, 76.9289, 84.6333

# Sweetspot

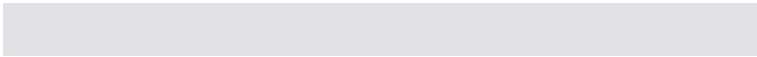
The Sweet Spot groups the original color and five complimentary colors.



74.1146, 76.9322, 85.8072



94.2419, 98.3838, 108.6306



72.8649, 76.3149, 85.7539



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

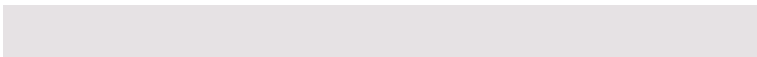
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1146, 76.9322, 85.8072



93.4445, 96.7891, 108.3648



73.8448, 76.8243, 84.3864



15.9620, 16.5490, 18.4973



26.5604, 12.7583, 43.4459



1.9627, 0.9428, 3.2105

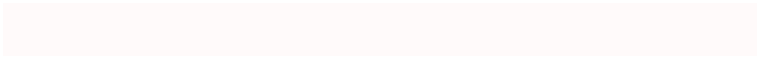


# Inverse Universe

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



73.5597, 76.7103, 82.8851



92.6342, 96.4649, 104.0976



73.6578, 78.3621, 84.5961



15.8319, 16.4969, 17.8122



18.4751, 9.5242, 0.8647

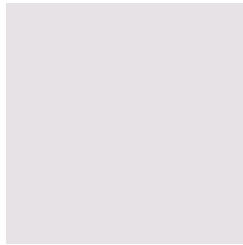


1.3652, 0.7038, 0.0639



# Previews

## White Background



This preview shows how the XYZ color 74.1124, 76.9289, 85.8055 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 74.1124, 76.9289, 85.8055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

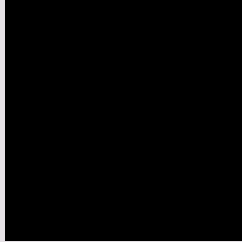
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

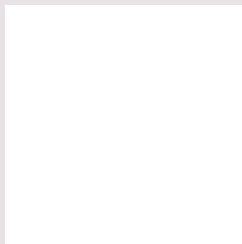
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.1124, 76.9289, 85.8055**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.1124, 76.9289, 85.8055.



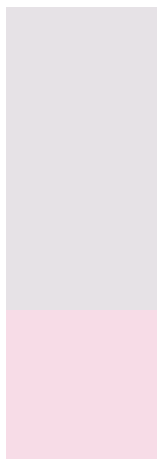
This preview shows how white text looks on a background with the XYZ color 74.1124, 76.9289,

85.8055.

# 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

74.1124, 76.9289, 85.8055

### Protanopia

74.1124, 76.9289, 85.8055

### Deuteranopia

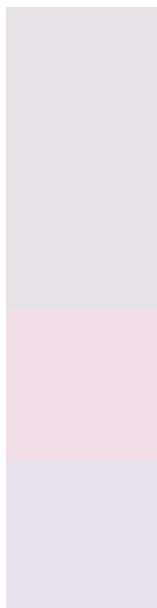
78.3748, 76.7301, 86.2809



## Tritanopia

75.9614, 76.8779, 94.8397

# Trichromacy



## Original Color

74.1124, 76.9289, 85.8055

## Protanomaly

74.1124, 76.9289, 85.8055

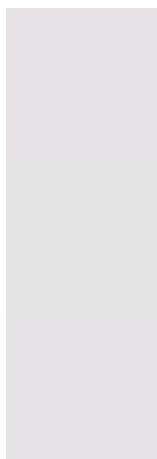
## Deuteranomaly

76.8207, 76.7128, 86.3595

## Tritanomaly

75.3128, 77.0124, 91.7844

# Monochromacy



## Original Color

74.1124, 76.9289, 85.8055

## Achromatopsia

73.7419, 77.5822, 84.4870

## Achromatomaly

73.9250, 77.2533, 85.1439

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1124, 76.9289, 85.8055 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(230, 226, 230) looks like.

```
.text, #text, p{  
    color:rgb(230, 226, 230)  
}
```

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(230, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 226, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1124, 76.9289, 85.8055 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(230, 226, 230) }
```



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

```
.border{ border-color:rgb(230, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 226,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1124, 76.9289, 85.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 226, 230) }
```

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

```
.background{ background-color: rgb(230,  
226, 230) }
```

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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