

# Converting Colors

XYZ(75.4602, 76.4762, 95.8802)

Have a look what the booklet for  
XYZ(75.4602, 76.4762, 95.8802)  
contains.

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# Color

**XYZ(75.4664, 76.6054,  
95.6028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6E0F3
RGB	230, 224, 243
RGB Percent	90%, 88%, 95%
CMY	0.0980, 0.1215, 0.0471
CMYK	0.05, 0.08, 0.00, 0.05
HSL	259°, 44%, 92%
HSV	259°, 8%, 95%
XYZ	75.4664, 76.6054, 95.6028
YIQ	227.9600, -2.5230, 7.1810

# Conversions

## Conversions Part 2

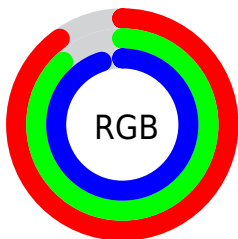
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 224, 243
Decimal	15130867
CIE <sub>Lab</sub>	90.14, 5.50, -8.51
CIE <sub>LCh</sub>	90, 10.134, 302.838
Yxy	76.6054, 0.3047, 0.3093
Android (android.graphics.Color)	4293320947 (0xFFE6E0F3)
YUV	227.9600, 7.4147, 1.7891
Hunter-Lab	87.5245, 0.7404, -3.4952

# Details

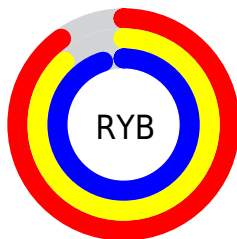
The XYZ color **75.4664, 76.6054, 95.6028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.4331, 87.4896, 83.1728**, and the grayscale version is **73.6643, 77.5006, 84.3981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6132, 40.9625, 52.7797** is the 20% darker color. If you saturate the color by 10%, you get **64.3125, 61.8451, 93.3428**, and if you desaturate by 10%, it is **88.0672, 93.5012, 98.2011**.

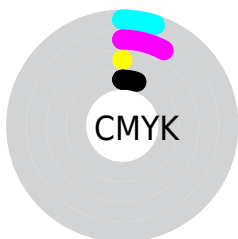
# Distribution



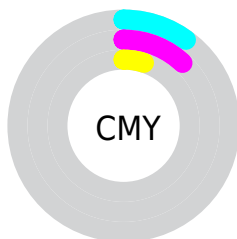
- Red (90%)
- Green (88%)
- Blue (95%)



- Red (90%)
- Yellow (88%)
- Blue (95%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (12%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4664, 76.6054, 95.6028 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 75.4664, 76.6054, 95.6028 by changing the saturation by 10% instead.



75.4664, 76.6054,  
95.6028

75.4664, 76.6054,  
95.6028

468.4916,  
483.4176, 567.1265

56.2906, 56.9291,  
72.0371

125.9567,  
128.5823, 157.0999

40.6739, 40.9483,  
52.7020

158.0020,  
161.6517, 195.8684

28.2509, 28.2787,  
37.1788

195.0677,  
199.9542, 240.5415

18.6563, 18.5358,  
25.0491

237.5193,  
243.8742, 291.5379

11.5247, 11.3354,  
15.8943

285.7222,  
293.7962, 349.2761

6.4908, 6.2929,  
9.2958

340.0416,

3.1892, 3.0240,

350.1045, 414.1745

4.8352

400.8430,  
413.1835, 486.6518

■ 1.2546, 1.1443,  
2.0939

■ 0.1488, 0.0155,  
0.6121

■ 75.4664, 76.6054,  
95.6028

■ 75.4664, 76.6054,  
95.6028

■ 64.3125, 61.8451,  
93.3428

■ 88.0672, 93.5012,  
98.2011

■ 54.5453, 49.1246,  
91.4023

■ 93.1779, 99.2512,  
99.0415

■ 46.1100, 38.3550,  
89.7681

■ 38.9454, 29.4371,  
88.4244

■ 32.9853, 22.2629,  
87.3538

■ 28.1570, 16.7125,  
86.5370

■ 24.3793, 12.6508,  
85.9521

■ 21.5581, 9.9192,  
85.5735

■ 19.5720, 8.3063,  
85.3669

# Harmonies

## Analogous

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



73.0509, 76.6054, 98.0294



75.4664, 76.6054, 95.6028



77.2013, 76.6054, 89.8972

# Triad

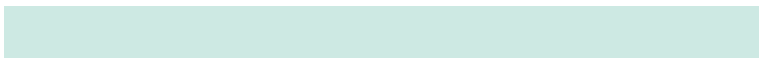
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4664, 76.6054, 95.6028



75.0423, 76.6054, 71.6793



68.0849, 76.6054, 84.0981

# Complementary

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



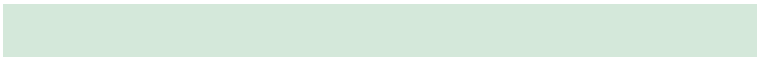
75.4664, 76.6054, 95.6028



80.4331, 87.4896, 83.1728

# Split Complementary

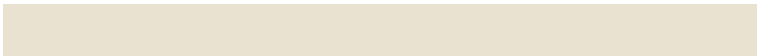
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.5907, 76.6054, 77.2431



75.4664, 76.6054, 95.6028



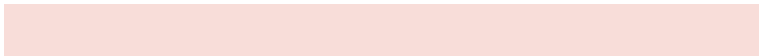
72.5719, 76.6054, 70.3220

# Square

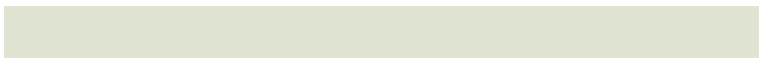
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4664, 76.6054, 95.6028



76.9525, 76.6054, 76.1198



70.2189, 76.6054, 72.3011



68.8211, 76.6054, 91.1520



# Rectangle

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



75.4664, 76.6054, 95.6028



77.7180, 76.6054, 85.1499



70.2189, 76.6054, 72.3011



68.1153, 76.6054, 81.6945

# Sweetspot

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



75.4686, 76.6087, 95.6045



92.1721, 96.1331, 108.3053



77.2919, 83.0631, 96.7542



19.7588, 20.6170, 23.1880



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.



75.4686, 76.6087, 95.6045



82.6167, 83.3634, 106.3441



78.4999, 78.1713, 95.7463



16.0734, 16.1805, 20.8186



10.6683, 4.4740, 46.8393



1.0395, 0.4457, 4.1215



# Inverse Universe

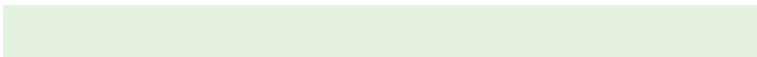
The Inverse Universe completely reimagines the original color for something new.



78.9066, 78.4839, 91.1149



87.0161, 85.7635, 100.5762



77.4393, 85.9462, 83.0327



16.9780, 16.6741, 19.6307



24.1425, 12.0004, 21.2565

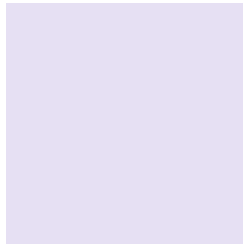


2.1683, 1.0733, 2.1126



# Previews

## White Background



This preview shows how the XYZ color 75.4664, 76.6054, 95.6028 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

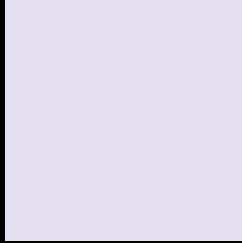
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.4664, 76.6054, 95.6028 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

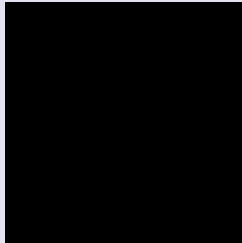
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.4664, 76.6054, 95.6028**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.4664, 76.6054, 95.6028.



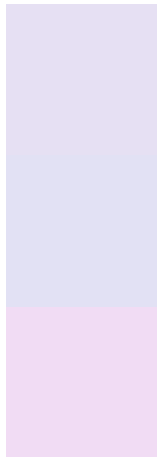
This preview shows how white text looks on a background with the XYZ color 75.4664, 76.6054,

95.6028.

# 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

75.4664, 76.6054, 95.6028

### Protanopia

74.6184, 76.5508, 96.4309

### Deuteranopia

78.1980, 76.4188, 96.2168



## Tritanopia

75.3158, 76.5451, 94.8095

# Trichromacy



## Original Color

75.4664, 76.6054, 95.6028

## Protanomaly

74.9329, 76.7130, 96.4456

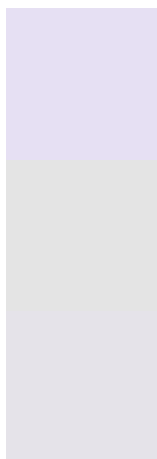
## Deuteranomaly

77.1106, 76.2491, 96.2413

## Tritanomaly

75.3158, 76.5451, 94.8095

# Monochromacy



## Original Color

75.4664, 76.6054, 95.6028

## Achromatopsia

73.7419, 77.5822, 84.4870

## Achromatomaly

74.4902, 77.4794, 88.1198

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.4664, 76.6054, 95.6028 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, 224, 243) looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 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(230, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 75.4664, 76.6054, 95.6028 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, 224, 243) }
```



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

```
.border{ border-color:rgb(230, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.4664, 76.6054, 95.6028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 243) }
```

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

```
.background{ background-color: rgb(230,  
224, 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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