

# Converting Colors

XYZ(76.6294, 76.3864, 92.1647)

Have a look what the booklet for  
XYZ(76.6294, 76.3864, 92.1647)  
contains.

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# Color

**XYZ(76.6263, 76.4791,  
92.3847)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDEEF
RGB	237, 222, 239
RGB Percent	93%, 87%, 94%
CMY	0.0706, 0.1294, 0.0627
CMYK	0.01, 0.07, 0.00, 0.06
HSL	293°, 35%, 90%
HSV	293°, 7%, 94%
XYZ	76.6263, 76.4791, 92.3847
YIQ	228.4230, 3.4830, 8.4670

# Conversions

## Conversions Part 2

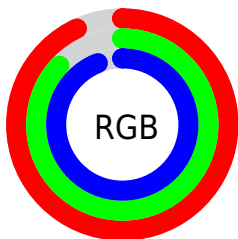
Format	Color
R <sub>Y</sub> B	237, 222, 239
Decimal	15589103
CIE Lab	90.08, 8.11, -6.44
CIE LCh	90, 10.354, 321.529
Yxy	76.4791, 0.3121, 0.3115
Android (android.graphics.Color)	4293779183 (0xFFEDDEEF)
YUV	228.4230, 5.2145, 7.5220
Hunter-Lab	87.4523, 3.3613, -1.4174

# Details

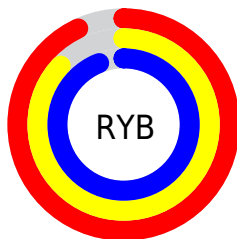
The XYZ color **76.6263, 76.4791, 92.3847** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7947, 82.8563, 81.1619**, and the grayscale version is **74.0156, 77.8702, 84.8006**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4220, 40.8801, 50.5072** is the 20% darker color. If you saturate the color by 10%, you get **69.7922, 64.1929, 90.3746**, and if you desaturate by 10%, it is **84.3794, 90.5790, 94.6988**.

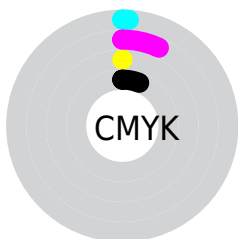
# Distribution



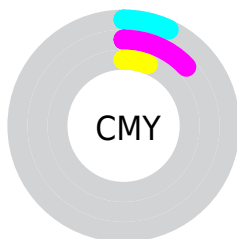
- Red (93%)
- Green (87%)
- Blue (94%)



- Red (93%)
- Yellow (87%)
- Blue (94%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (13%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6263, 76.4791, 92.3847 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 76.6263, 76.4791, 92.3847 by changing the saturation by 10% instead.



76.6263, 76.4791,  
92.3847

76.6263, 76.4791,  
92.3847

472.4004,  
482.9862, 556.5271

57.2451, 56.8255,  
69.3754

127.5875,  
128.4039, 152.6108

41.4429, 40.8651,  
50.5438

159.8981,  
161.4439, 190.6646

28.8545, 28.2137,  
35.4715

197.2493,  
199.7147, 234.5704

19.1145, 18.4868,  
23.7398

240.0064,  
243.6009, 284.7466

11.8576, 11.3001,  
14.9303

288.5346,  
293.4867, 341.6119

6.7183, 6.2690,  
8.6244

343.1995,

3.3313, 3.0094,

349.7566, 405.5847

4.4036

404.3663,  
412.7949, 477.0836

■ 1.3313, 1.1366,  
1.8493

■ 0.2065, 0.0090,  
0.4602

■ 76.6263, 76.4791,  
92.3847

■ 76.6263, 76.4791,  
92.3847

■ 69.7922, 64.1929,  
90.3746

■ 84.3794, 90.5790,  
94.6988

■ 63.8326, 53.6352,  
88.6508

■ 88.1736, 96.7404,  
95.6881

■ 58.7094, 44.7286,  
87.2017

■ 89.1498, 97.2436,  
95.7337

■ 54.3790, 37.3861,  
86.0127

■ 90.1409, 97.7546,  
95.7801

50.7939, 31.5126,  
85.0679

91.1470, 98.2733,  
95.8272

47.9011, 27.0025,  
84.3499

92.1682, 98.7997,  
95.8750

45.6410, 23.7363,  
83.8386

92.5802, 99.0121,  
95.8943

43.9431, 21.5735,  
83.5106

42.7168, 20.3327,  
83.3357

# Harmonies

## Analogous

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



74.5184, 76.4791, 97.1337



76.6263, 76.4791, 92.3847



77.6857, 76.4791, 85.3735

# Triad

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



76.6263, 76.4791, 92.3847



73.4210, 76.4791, 70.0530



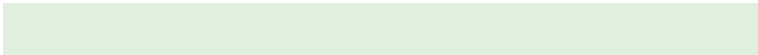
68.1935, 76.4791, 88.5713

# Complementary

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



76.6263, 76.4791, 92.3847



74.7947, 82.8563, 81.1619

# 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.



67.9153, 76.4791, 81.2067



76.6263, 76.4791, 92.3847



70.8939, 76.4791, 70.7974

# Square

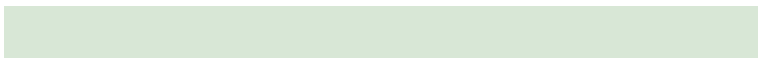
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6263, 76.4791, 92.3847



75.8067, 76.4791, 72.6836



68.8930, 76.4791, 74.7805



69.6620, 76.4791, 94.8434



# Rectangle

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



76.6263, 76.4791, 92.3847



77.6378, 76.4791, 80.4780



68.8930, 76.4791, 74.7805



67.9591, 76.4791, 86.1315

# Sweetspot

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



76.6285, 76.4824, 92.3864



93.2241, 96.6754, 108.3545



72.4349, 75.2201, 92.3637



19.9729, 20.7273, 23.1980



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.



76.6285, 76.4824, 92.3864



87.1740, 85.7127, 106.5574



76.3950, 76.4666, 87.6515



16.2605, 15.9315, 19.9397



23.5089, 11.1247, 46.0361



2.0070, 0.9519, 3.8322

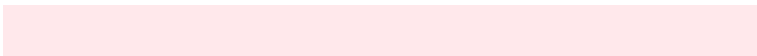


# Inverse Universe

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



75.1752, 75.9786, 81.2282



85.0701, 84.9851, 90.3287



75.0295, 82.8790, 85.6145



15.8484, 15.7891, 16.7581



19.8125, 10.1974, 1.6633

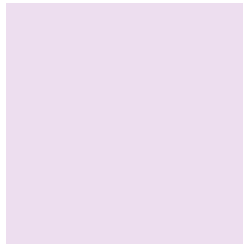


1.6727, 0.8581, 0.2671



# Previews

## White Background



This preview shows how the XYZ color 76.6263, 76.4791, 92.3847 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

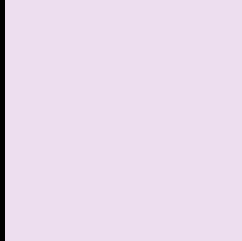
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.6263, 76.4791, 92.3847 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

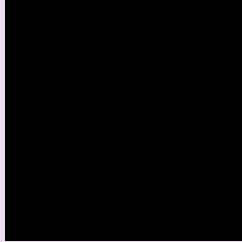
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

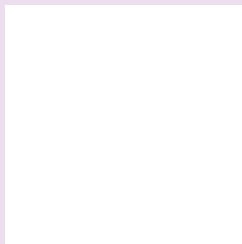
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 76.6263, 76.4791, 92.3847**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.6263, 76.4791, 92.3847.



This preview shows how white text looks on a background with the XYZ color 76.6263, 76.4791,



# 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

76.6263, 76.4791, 92.3847

### Protanopia

74.1664, 76.3701, 94.0510

### Deuteranopia

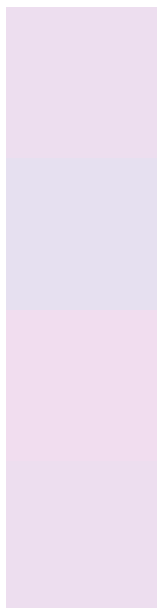
78.1353, 76.4731, 92.3040



## Tritanopia

76.6263, 76.4791, 92.3847

# Trichromacy



## Original Color

76.6263, 76.4791, 92.3847

## Protanomaly

75.0170, 76.4256, 93.2359

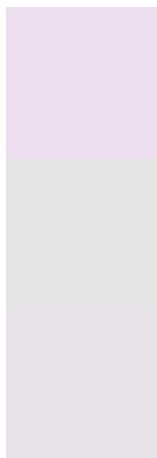
## Deuteranomaly

77.7121, 76.6457, 92.3596

## Tritanomaly

76.6263, 76.4791, 92.3847

# Monochromacy



## Original Color

76.6263, 76.4791, 92.3847

## Achromatopsia

73.7419, 77.5822, 84.4870

## Achromatomaly

74.7168, 77.2078, 87.3085

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.6263, 76.4791, 92.3847 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(237, 222, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 239)  
}
```

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(237, 222, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 76.6263, 76.4791, 92.3847 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(237, 222, 239) }
```



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

```
.border{ border-color:rgb(237, 222, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
239) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.6263, 76.4791, 92.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 239) }
```

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

```
.background{ background-color: rgb(237,  
222, 239) }
```

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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