

# Converting Colors

XYZ(76.1975, 75.0024, 93.0264)

Have a look what the booklet for  
XYZ(76.1975, 75.0024, 93.0264)  
contains.

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# Color

**XYZ(76.3196, 75.1314,  
92.9174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEDBF0
RGB	238, 219, 240
RGB Percent	93%, 86%, 94%
CMY	0.0667, 0.1412, 0.0588
CMYK	0.01, 0.09, 0.00, 0.06
HSL	294°, 41%, 90%
HSV	294°, 9%, 94%
XYZ	76.3196, 75.1314, 92.9174
YIQ	227.0750, 4.5830, 10.5590

# Conversions

## Conversions Part 2

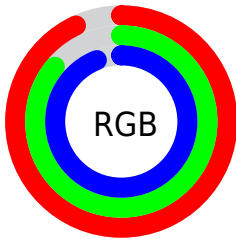
Format	Color
R <sub>Y</sub> B	238, 219, 240
Decimal	15653872
CIE Lab	89.45, 10.19, -7.89
CIE LCh	89, 12.882, 322.257
Yxy	75.1314, 0.3123, 0.3075
Android (android.graphics.Color)	4293843952 (0xFFEEDBF0)
YUV	227.0750, 6.3720, 9.5812
Hunter-Lab	86.6784, 5.4806, -2.8828

# Details

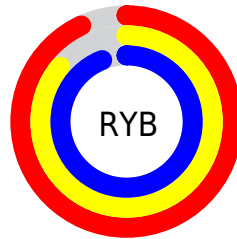
The XYZ color **76.3196, 75.1314, 92.9174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7677, 82.8087, 79.1172**, and the grayscale version is **73.0228, 76.8257, 83.6632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2186, 39.9567, 50.8874** is the 20% darker color. If you saturate the color by 10%, you get **69.7425, 63.1082, 90.9445**, and if you desaturate by 10%, it is **83.8135, 88.9715, 95.1950**.

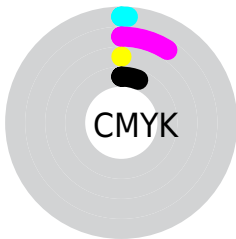
# Distribution



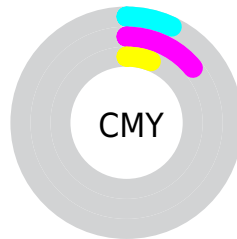
- Red (93%)
- Green (86%)
- Blue (94%)



- Red (93%)
- Yellow (86%)
- Blue (94%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)




- Cyan (7%)
- Magenta (14%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3196, 75.1314, 92.9174 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 76.3196, 75.1314, 92.9174 by changing the saturation by 10% instead.




 76.3196, 75.1314,  
92.9174

 76.3196, 75.1314,  
92.9174

471.3686,  
478.3691, 558.2892

 56.9926, 55.7205,  
69.8156


127.1565,  
126.4983, 153.3550

 41.2394, 39.9789,  
50.9003


159.3972,  
159.2232, 191.5278

 28.6947, 27.5221,  
35.7531

196.6730,  
197.1549, 235.5613

 18.9931, 17.9657,  
23.9554

239.3495,  
240.6778, 285.8742

 11.7693, 10.9254,  
15.0886

287.7920,  
290.1762, 342.8848

 6.6578, 6.0167,  
8.7343

342.3657,

 3.2935, 2.8552,

346.0347, 407.0119

4.4738

403.4362,  
408.6375, 478.6738

■ 1.3108, 1.0566,  
1.8887

■ 0.1913, 0.0000,  
0.4855

■ 76.3196, 75.1314,  
92.9174

■ 76.3196, 75.1314,  
92.9174

■ 69.7425, 63.1082,  
90.9445

■ 83.8135, 88.9715,  
95.1950

■ 64.0372, 52.8152,  
89.2584

■ 88.3034, 96.7902,  
96.4675

■ 59.1645, 44.1733,  
87.8472

■ 89.0954, 97.1985,  
96.5045

■ 55.0799, 37.0932,  
86.6959

■ 89.8973, 97.6119,  
96.5421

■ 51.7347, 31.4774,  
85.7882

■ 90.7090, 98.0303,  
96.5801

■ 49.0743, 27.2173,  
85.1062

■ 91.5306, 98.4539,  
96.6185

■ 47.0370, 24.1892,  
84.6290

■ 92.3623, 98.8826,  
96.6574

■ 45.5496, 22.2467,  
84.3325

■ 92.7284, 99.0714,  
96.6746

■ 44.5042, 21.1742,  
84.1806

# Harmonies

## Analogous

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



73.7345, 75.1314, 98.9764



76.3196, 75.1314, 92.9174



77.5968, 75.1314, 84.1706

# Triad

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



76.3196, 75.1314, 92.9174



72.2313, 75.1314, 65.7570



65.9371, 75.1314, 88.5695

# Complementary

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



76.3196, 75.1314, 92.9174



73.7677, 82.8087, 79.1172

# 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.



65.5614, 75.1314, 79.4848



76.3196, 75.1314, 92.9174



69.1351, 75.1314, 66.7448

# Square

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



76.3196, 75.1314, 92.9174



75.1915, 75.1314, 68.8114



66.7159, 75.1314, 71.6165



67.7577, 75.1314, 96.3399

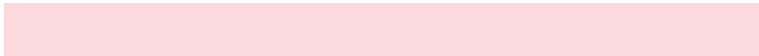


# Rectangle

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



76.3196, 75.1314, 92.9174



77.5090, 75.1314, 78.1692



66.7159, 75.1314, 71.6165



65.6399, 75.1314, 85.5524

# Sweetspot

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



76.3218, 75.1346, 92.9190



92.3904, 95.0779, 108.0901



70.8276, 73.1206, 92.8199



19.6267, 20.0760, 23.0906



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.



76.3218, 75.1346, 92.9190



86.5600, 84.3380, 106.3244



75.7777, 74.9950, 86.5302



16.2972, 15.9504, 19.9414



24.3596, 11.5632, 46.0759



2.0693, 0.9840, 3.8351

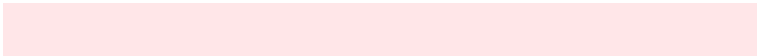


# Inverse Universe

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



74.3204, 74.4121, 78.8560



83.9532, 83.3979, 87.9634



74.2965, 82.9503, 85.0608



15.8339, 15.7833, 16.6818



19.7765, 10.1830, 1.4737

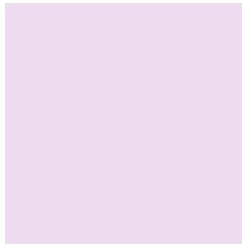


1.6658, 0.8553, 0.2307



# Previews

## White Background



This preview shows how the XYZ color 76.3196, 75.1314, 92.9174 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

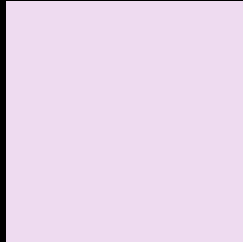
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.3196, 75.1314, 92.9174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

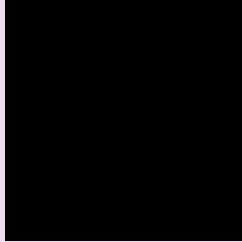
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.3196, 75.1314, 92.9174**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.3196, 75.1314, 92.9174.



This preview shows how white text looks on a background with the XYZ color 76.3196, 75.1314,

92.9174.

# 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

76.3196, 75.1314, 92.9174

### Protanopia

73.3058, 75.0937, 95.4249

### Deuteranopia

76.7348, 74.9593, 92.8623



## Tritanopia

76.1392, 75.4780, 90.6765

# Trichromacy



## Original Color

76.3196, 75.1314, 92.9174

## Protanomaly

74.4614, 75.3114, 94.6164

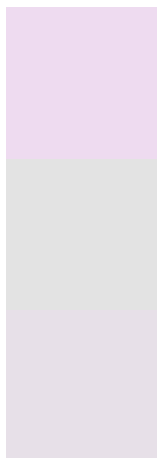
## Deuteranomaly

76.3962, 74.7848, 92.8465

## Tritanomaly

76.2857, 75.5366, 91.4482

# Monochromacy



## Original Color

76.3196, 75.1314, 92.9174

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

74.1761, 76.1264, 87.1283

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.3196, 75.1314, 92.9174 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(238, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 219, 240)  
}
```

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(238, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 240) }
```

## Border

The CSS property to change the border of an element to XYZ 76.3196, 75.1314, 92.9174 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(238, 219, 240) }
```



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

```
.border{ border-color:rgb(238, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 219,  
240) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.3196, 75.1314, 92.9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 240) }
```

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

```
.background{ background-color: rgb(238,  
219, 240) }
```

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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