

# Converting Colors

XYZ(75.8104, 75.7014, 80.8289)

Have a look what the booklet for  
XYZ(75.8104, 75.7014, 80.8289)  
contains.

<b>XYZ(75.6657, 75.4455, 81.0954)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(75.6657, 75.4455,  
81.0954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2DCE0
RGB	242, 220, 224
RGB Percent	95%, 86%, 88%
CMY	0.0510, 0.1372, 0.1216
CMYK	0.00, 0.09, 0.07, 0.05
HSL	349°, 46%, 91%
HSV	349°, 9%, 95%
XYZ	75.6657, 75.4455, 81.0954
YIQ	227.0340, 11.8280, 5.9080

# Conversions

## Conversions Part 2

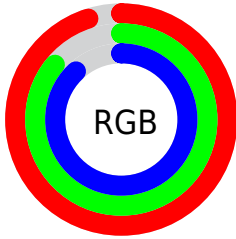
Format	Color
R <sub>Y</sub> B	242, 220, 224
Decimal	15916256
CIE Lab	89.60, 8.22, 0.78
CIE LCh	90, 8.260, 5.422
Yxy	75.4455, 0.3259, 0.3249
Android (android.graphics.Color)	4294106336 (0xFF2DCE0)
YUV	227.0340, -1.4958, 13.1252
Hunter-Lab	86.8594, 3.4926, 5.4460

# Details

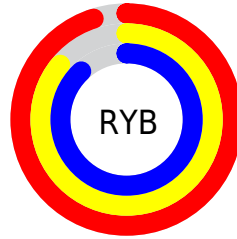
The XYZ color **75.6657, 75.4455, 81.0954** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7029, 84.8949, 93.2368**, and the grayscale version is **73.0447, 76.8487, 83.6883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8663, 40.2139, 43.1443** is the 20% darker color. If you saturate the color by 10%, you get **67.2373, 62.6388, 65.7978**, and if you desaturate by 10%, it is **85.3306, 90.2227, 98.3504**.

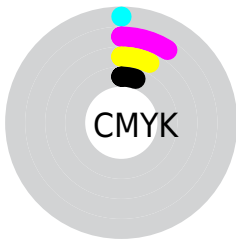
# Distribution



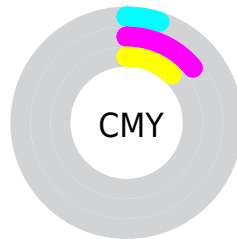
- Red (95%)
- Green (86%)
- Blue (88%)



- Red (95%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (14%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6657, 75.4455, 81.0954 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 75.6657, 75.4455, 81.0954 by changing the saturation by 10% instead.




 75.6657, 75.4455,  
81.0954

 75.6657, 75.4455,  
81.0954


469.1646,  
479.4474, 518.4206

 56.4545, 55.9779,  
60.0887


126.2371,  
126.9428, 136.7300

 40.8059, 40.1852,  
43.0644


158.3281,  
159.7413, 172.1950

 28.3544, 27.6830,  
29.6039


195.4430,  
197.7523, 213.3165

 18.7348, 18.0868,  
19.2886

237.9472,  
241.3600, 260.5130

 11.5817, 11.0123,  
11.7001

286.2062,  
290.9491, 314.2032

 6.5297, 6.0751,  
6.4197

340.5851,

 3.2134, 2.8908,

346.9037, 374.8054

3.0291

401.4495,  
409.6083, 442.7384

■ 1.2676, 1.0750,  
1.1095

■ 0.1588, 0.0000,  
0.0000

■ 75.6657, 75.4455,  
81.0954

■ 75.6657, 75.4455,  
81.0954

■ 67.2373, 62.6388,  
65.7978

■ 85.3306, 90.2227,  
98.3504

■ 59.9890, 51.7098,  
52.3832

■ 90.4283, 97.6175,  
108.6837

■ 53.8695, 42.5729,  
40.7800

■ 48.8211, 35.1321,  
30.9095

■ 44.7812, 29.2823,  
22.6877

■ 41.6802, 24.9068,  
16.0233

■ 39.4396, 21.8726,  
10.8155

■ 37.9675, 20.0226,  
6.9517

■ 37.1308, 19.1207,  
4.2943

# Harmonies

## Analogous

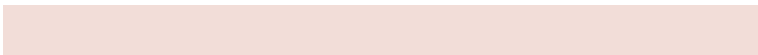
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3177, 75.4455, 86.8859



75.6657, 75.4455, 81.0954



74.9372, 75.4455, 75.8362

# Triad

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



75.6657, 75.4455, 81.0954



69.4697, 75.4455, 73.3691



70.0972, 75.4455, 92.7399

# Complementary

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



75.6657, 75.4455, 81.0954



76.7029, 84.8949, 93.2368

# 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.



68.5742, 75.4455, 88.7993



75.6657, 75.4455, 81.0954



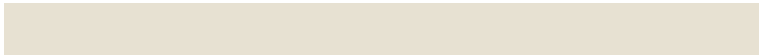
68.2168, 75.4455, 77.5843

# Square

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



75.6657, 75.4455, 81.0954



71.3404, 75.4455, 71.5121



67.8921, 75.4455, 83.2083



72.0782, 75.4455, 93.7879



# Rectangle

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



75.6657, 75.4455, 81.0954



73.9471, 75.4455, 73.2815



67.8921, 75.4455, 83.2083



69.5159, 75.4455, 91.7008

# Sweetspot

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



75.6678, 75.4488, 81.0970



91.6662, 94.8191, 102.8804



76.8713, 75.7721, 94.5792



19.4314, 20.0063, 21.6837



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.



75.6678, 75.4488, 81.0970



83.2674, 81.9996, 87.8167



76.9985, 78.9674, 78.8982



15.8900, 15.8057, 16.9772



19.9510, 10.2528, 2.3923



1.6923, 0.8660, 0.3706

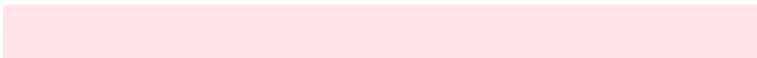


# Inverse Universe

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



75.6678, 75.4488, 81.0970



83.2674, 81.9996, 87.8167



75.2628, 81.0647, 95.6856



15.8900, 15.8057, 16.9772



19.9510, 10.2528, 2.3923

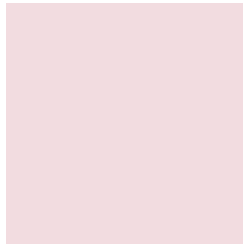


1.6923, 0.8660, 0.3706



# Previews

## White Background



This preview shows how the XYZ color 75.6657, 75.4455, 81.0954 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

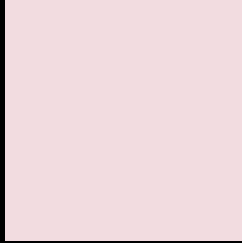
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.6657, 75.4455, 81.0954 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

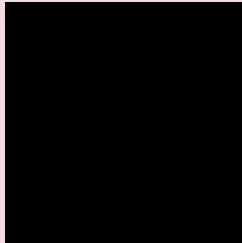
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.6657, 75.4455, 81.0954**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.6657, 75.4455, 81.0954.



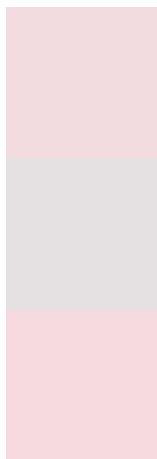
This preview shows how white text looks on a background with the XYZ color 75.6657, 75.4455,

81.0954.

# 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

75.6657, 75.4455, 81.0954

### Protanopia

72.6962, 75.4603, 82.6853

### Deuteranopia

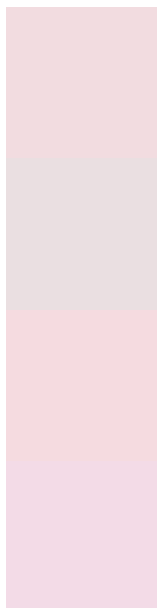
76.8837, 75.2988, 81.0029



## Tritanopia

77.3750, 75.3741, 89.0678

# Trichromacy



## Original Color

75.6657, 75.4455, 81.0954

## Protanomaly

73.9100, 75.7040, 81.9510

## Deuteranomaly

76.4423, 75.4573, 81.0568

## Tritanomaly

76.7175, 75.4872, 86.1284

# Monochromacy



## Original Color

75.6657, 75.4455, 81.0954

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.6618, 75.9581, 82.7305

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.6657, 75.4455, 81.0954 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(242, 220, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 224)  
}
```

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(242, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 75.6657, 75.4455, 81.0954 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(242, 220, 224) }
```



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

```
.border{ border-color:rgb(242, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.6657, 75.4455, 81.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 224) }
```

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

```
.background{ background-color: rgb(242,  
220, 224) }
```

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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