

# Converting Colors

XYZ(74.5531, 76.4827, 82.3469)

Have a look what the booklet for  
XYZ(74.5531, 76.4827, 82.3469)  
contains.

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# **Color**

**XYZ(74.5072, 76.4097,  
82.0558)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBE0E1
RGB	235, 224, 225
RGB Percent	92%, 88%, 88%
CMY	0.0784, 0.1215, 0.1176
CMYK	0.00, 0.05, 0.04, 0.08
HSL	355°, 22%, 90%
HSV	355°, 5%, 92%
XYZ	74.5072, 76.4097, 82.0558
YIQ	227.4030, 6.2350, 2.6430

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 224, 225
Decimal	15458529
CIE Lab	90.05, 3.92, 0.84
CIE LCh	90, 4.004, 12.110
Yxy	76.4097, 0.3198, 0.3280
Android (android.graphics.Color)	4293648609 (0xFFEBE0E1)
YUV	227.4030, -1.1847, 6.6626
Hunter-Lab	87.4126, -0.8255, 5.5323

# Details

The XYZ color **74.5072, 76.4097, 82.0558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3029, 81.2064, 89.5514**, and the grayscale version is **73.3140, 77.1320, 83.9968**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0341, 40.8619, 43.8073** is the 20% darker color. If you saturate the color by 10%, you get **65.8877, 63.5474, 65.6877**, and if you desaturate by 10%, it is **84.3689, 91.1704, 100.6402**.

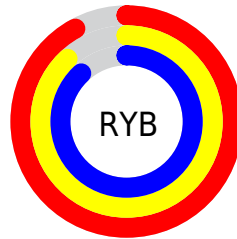
# Distribution



Red (92%)

Green (88%)

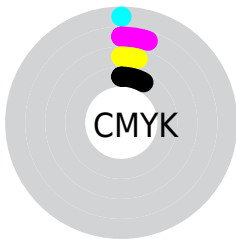
Blue (88%)



Red (92%)

Yellow (88%)

Blue (88%)

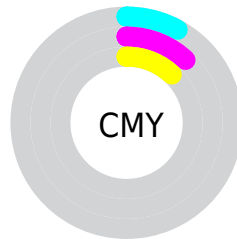


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5072, 76.4097, 82.0558 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 74.5072, 76.4097, 82.0558 by changing the saturation by 10% instead.



74.5072, 76.4097,  
82.0558

74.5072, 76.4097,  
82.0558

465.2454,  
482.7490, 521.7227

55.5020, 56.7685,  
60.8754

124.6062,  
128.3059, 138.0896

40.0392, 40.8194,  
43.6948

156.4307,  
161.3297, 173.7802

27.7535, 28.1780,  
30.0952

193.2590,  
199.5831, 215.1446

18.2794, 18.4599,  
19.6582

235.4565,  
243.4506, 262.6013

11.2517, 11.2807,  
11.9652

283.3885,  
293.3166, 316.5690

6.3049, 6.2559,  
6.5977

337.4205,

3.0738, 3.0013,

349.5653, 377.4660

3.1372

397.9176,  
412.5814, 445.7111

■ 1.1929, 1.1324,  
1.1651

■ 0.1008, 0.0054,  
0.0000

■ 74.5072, 76.4097,  
82.0558

■ 74.5072, 76.4097,  
82.0558

■ 65.8877, 63.5474,  
65.6877

■ 84.3689, 91.1704,  
100.6402

■ 58.4549, 52.4969,  
51.4484

■ 88.0714, 96.4024,  
108.5734

■ 52.1586, 43.1798,  
39.2518

■ 46.9427, 35.5082,  
29.0040

■ 42.7462, 29.3863,  
20.6039

■ 39.5021, 24.7085,  
13.9412

■ 37.1352, 21.3560,  
8.8939

■ 35.5590, 19.1910,  
5.3239

■ 34.6688, 18.0456,  
3.0699

# Harmonies

## Analogous

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



74.4565, 76.4097, 84.8876



74.5072, 76.4097, 82.0558



74.0502, 76.4097, 79.5856

# Triad

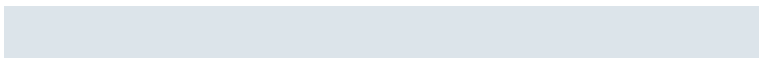
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5072, 76.4097, 82.0558



71.3529, 76.4097, 79.2078



72.0404, 76.4097, 88.5079

# Complementary

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



74.5072, 76.4097, 82.0558



75.3029, 81.2064, 89.5514

# 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.



71.2185, 76.4097, 86.9164



74.5072, 76.4097, 82.0558



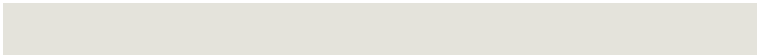
70.8240, 76.4097, 81.5294

# Square

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



74.5072, 76.4097, 82.0558



72.2255, 76.4097, 77.9666



70.7750, 76.4097, 84.3491



73.0262, 76.4097, 88.6566

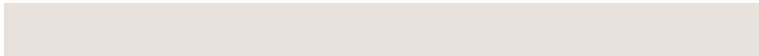


# Rectangle

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



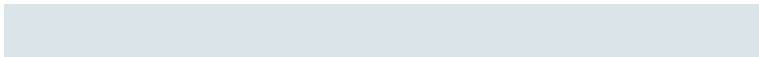
74.5072, 76.4097, 82.0558



73.5216, 76.4097, 78.4591



70.7750, 76.4097, 84.3491



71.7360, 76.4097, 88.1222

# Sweetspot

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



74.5094, 76.4130, 82.0575



93.8707, 98.2353, 106.6761



75.5522, 76.7883, 89.4378



20.1046, 21.0450, 22.8565



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.



74.5094, 76.4130, 82.0575



88.2019, 89.7597, 95.9630



75.5713, 78.7538, 81.7429



15.6600, 15.8812, 16.9442



19.1643, 9.8684, 1.4008



1.5239, 0.7825, 0.2100



# Inverse Universe

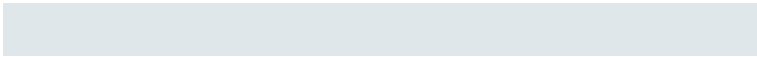
The Inverse Universe completely reimagines the original color for something new.



74.5094, 76.4130, 82.0575



88.2019, 89.7597, 95.9630



74.2027, 78.7763, 89.8927



15.6600, 15.8812, 16.9442



19.1643, 9.8684, 1.4008

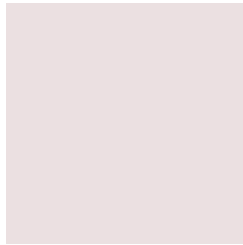


1.5239, 0.7825, 0.2100



# Previews

## White Background



This preview shows how the XYZ color 74.5072, 76.4097, 82.0558 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

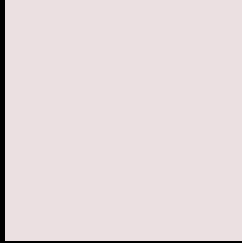
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.5072, 76.4097, 82.0558 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

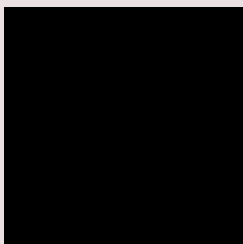
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

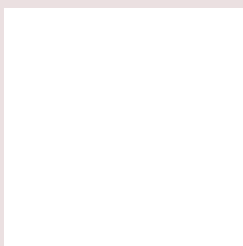
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.5072, 76.4097, 82.0558**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.5072, 76.4097, 82.0558.



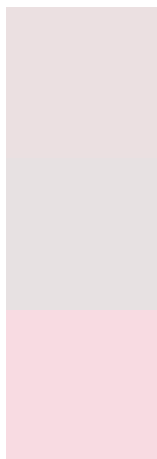
This preview shows how white text looks on a background with the XYZ color 74.5072, 76.4097,



# 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

74.5072, 76.4097, 82.0558

### Protanopia

73.6077, 76.3303, 82.8052

### Deuteranopia

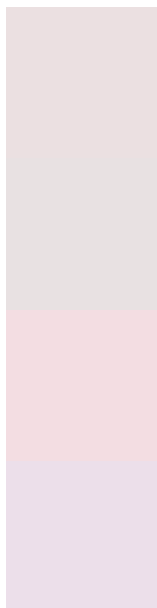
77.7704, 76.1105, 82.5434



## Tritanopia

76.6263, 76.4791, 92.3847

# Trichromacy



## Original Color

74.5072, 76.4097, 82.0558

## Protanomaly

73.9314, 76.4972, 82.8203

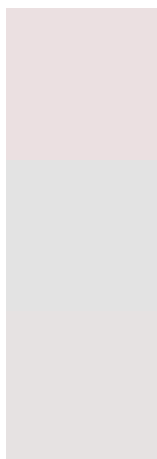
## Deuteranomaly

76.5461, 76.2586, 82.6365

## Tritanomaly

75.8310, 76.5487, 88.6206

# Monochromacy



## Original Color

74.5072, 76.4097, 82.0558

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.5570, 76.7067, 82.8805

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.5072, 76.4097, 82.0558 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(235, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 225)  
}
```

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(235, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 225) }
```

## Border

The CSS property to change the border of an element to XYZ 74.5072, 76.4097, 82.0558 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(235, 224, 225) }
```



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

```
.border{ border-color:rgb(235, 224, 225) }
```

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

Here you see how a box with a 4 pixel rgb(235, 224, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
225) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.5072, 76.4097, 82.0558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 225) }
```

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

```
.background{ background-color: rgb(235,  
224, 225) }
```

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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