

# Converting Colors

XYZ(77.5471, 79.1206, 85.3134)

Have a look what the booklet for  
XYZ(77.5471, 79.1206, 85.3134)  
contains.

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# Color

**XYZ(77.5471, 79.1206,  
85.3134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E3E5
RGB	240, 227, 229
RGB Percent	94%, 89%, 90%
CMY	0.0588, 0.1098, 0.1020
CMYK	0.00, 0.05, 0.05, 0.06
HSL	351°, 30%, 92%
HSV	351°, 5%, 94%
XYZ	77.5471, 79.1206, 85.3134
YIQ	231.1150, 7.1060, 3.3780

# Conversions

## Conversions Part 2

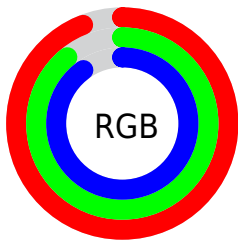
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 227, 229
Decimal	15786981
CIE Lab	91.29, 4.76, 0.60
CIE LCh	91, 4.796, 7.186
Yxy	79.1206, 0.3205, 0.3270
Android (android.graphics.Color)	4293977061 (0xFF0E3E5)
YUV	231.1150, -1.0427, 7.7921
Hunter-Lab	88.9498, -0.0444, 5.3987

# Details

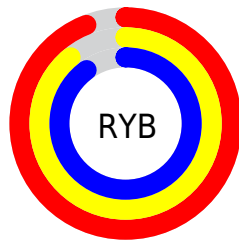
The XYZ color **77.5471, 79.1206, 85.3134** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2742, 84.8261, 93.1406**, and the grayscale version is **76.0470, 80.0073, 87.1280**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1597, 42.7514, 46.0742** is the 20% darker color. If you saturate the color by 10%, you get **68.7628, 65.8280, 69.2008**, and if you desaturate by 10%, it is **87.5828, 94.3828, 103.4826**.

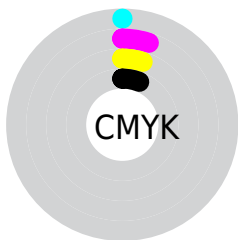
# Distribution



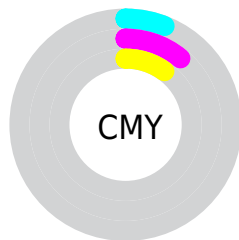
- Red (94%)
- Green (89%)
- Blue (90%)



- Red (94%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5471, 79.1206, 85.3134 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 77.5471, 79.1206, 85.3134 by changing the saturation by 10% instead.



77.5471, 79.1206,  
85.3134

77.5471, 79.1206,  
85.3134

475.4907,  
491.9642, 532.8361

58.0035, 58.9950,  
63.5487

128.8802,  
132.1286, 142.6890

42.0547, 42.6091,  
45.8414

161.4005,  
165.7798, 179.1370

29.3354, 29.5785,  
31.7729

198.9770,  
204.7083, 221.3166

19.4803, 19.5189,  
20.9247

241.9751,  
249.2985, 269.6462

12.1239, 12.0458,  
12.8783

290.7601,  
299.9348, 324.5444

6.9009, 6.7749,  
7.2151

345.6975,

3.4460, 3.3217,

357.0016, 386.4298

3.5165

407.1526,  
420.8833, 455.7208

■ 1.3938, 1.3019,  
1.3640

■ 0.2518, 0.1427,  
0.1134

■ 77.5471, 79.1206,  
85.3134

■ 77.5471, 79.1206,  
85.3134

■ 68.7628, 65.8280,  
69.2008

■ 87.5828, 94.3828,  
103.4826

■ 61.1742, 54.4149,  
55.0671

■ 89.7456, 97.2655,  
108.6518

■ 54.7312, 44.7993,  
42.8371

■ 49.3777, 36.8895,  
32.4291

■ 45.0527, 30.5855,  
23.7552

■ 41.6892, 25.7768,  
16.7202

■ 39.2120, 22.3388,  
11.2197

■ 37.5346, 20.1270,  
7.1366

■ 36.5519, 18.9636,  
4.3366

# Harmonies

## Analogous

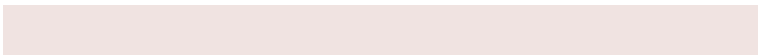
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3791, 79.1206, 88.7733



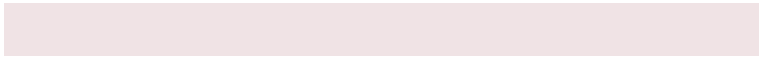
77.5471, 79.1206, 85.3134



77.0812, 79.1206, 82.1620

# Triad

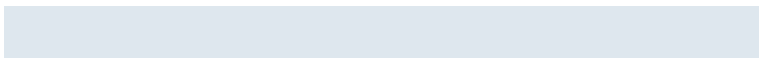
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5471, 79.1206, 85.3134



73.7965, 79.1206, 80.9199



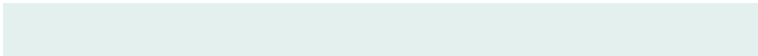
74.2982, 79.1206, 92.4743

# Complementary

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



77.5471, 79.1206, 85.3134



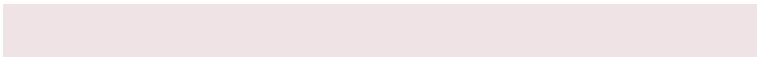
78.2742, 84.8261, 93.1406

# Split Complementary

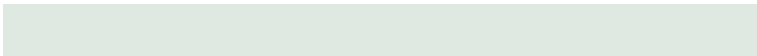
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3531, 79.1206, 90.2627



77.5471, 79.1206, 85.3134



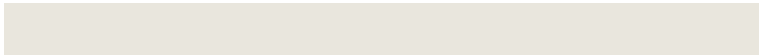
73.0656, 79.1206, 83.5767

# Square

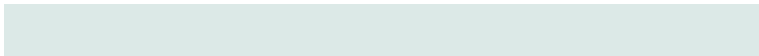
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5471, 79.1206, 85.3134



74.9095, 79.1206, 79.6702



72.9042, 79.1206, 86.9898



75.4948, 79.1206, 92.9696

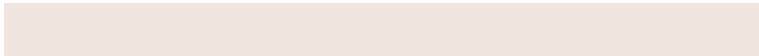


# Rectangle

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



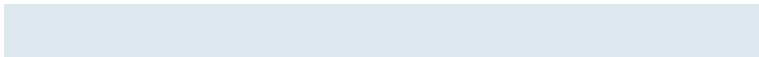
77.5471, 79.1206, 85.3134



76.4768, 79.1206, 80.6391



72.9042, 79.1206, 86.9898



73.9409, 79.1206, 91.9041

# Sweetspot

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



77.5493, 79.1240, 85.3151



92.7572, 96.5142, 104.7455



78.4036, 79.3813, 93.6288



19.8779, 20.6945, 22.4634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

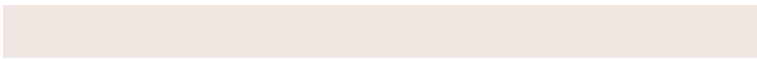
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5493, 79.1240, 85.3151



88.3463, 89.8175, 96.7238



78.4720, 81.4128, 84.2556



16.4263, 16.6386, 17.8946



19.8834, 10.2258, 2.0368



1.6837, 0.8625, 0.3252

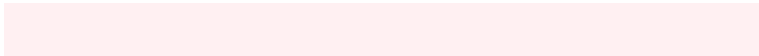


# Inverse Universe

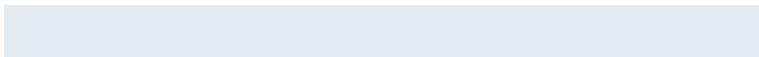
The Inverse Universe completely reimagines the original color for something new.



77.5493, 79.1240, 85.3151



88.3463, 89.8175, 96.7238



77.3091, 82.4239, 94.2738



16.4263, 16.6386, 17.8946



19.8834, 10.2258, 2.0368

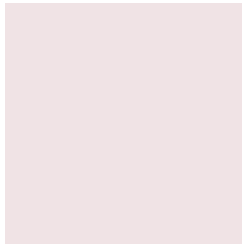


1.6837, 0.8625, 0.3252



# Previews

## White Background



This preview shows how the XYZ color 77.5471, 79.1206, 85.3134 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

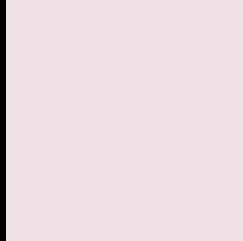
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.5471, 79.1206, 85.3134 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

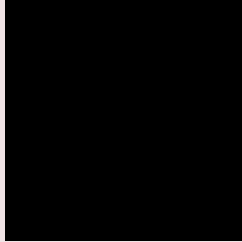
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

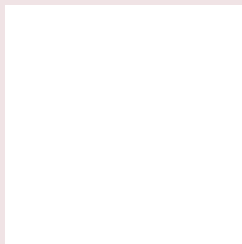
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 77.5471, 79.1206, 85.3134

## Background



This preview shows how black text looks on a background with the XYZ color 77.5471, 79.1206, 85.3134.



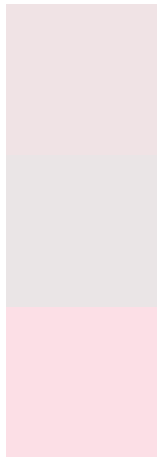
This preview shows how white text looks on a background with the XYZ color 77.5471, 79.1206,

85.3134.

# 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

77.5471, 79.1206, 85.3134

### Protanopia

76.2339, 79.2442, 86.1406

### Deuteranopia

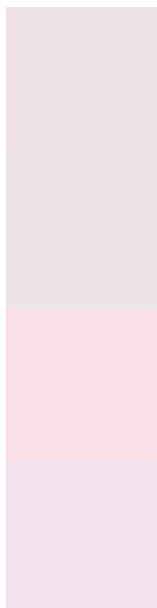
80.8155, 79.1840, 85.8875



## **Tritanopia**

79.7208, 79.1987, 95.8792

# Trichromacy



## Original Color

77.5471, 79.1206, 85.3134

## Protanomaly

76.6184, 79.0328, 86.0796

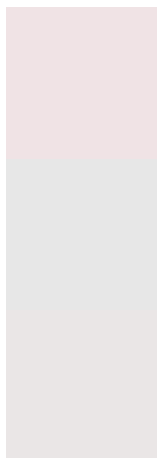
## Deuteranomaly

79.6500, 78.9809, 85.9098

## Tritanomaly

78.9046, 79.2665, 92.0302

# Monochromacy



## Original Color

77.5471, 79.1206, 85.3134

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

76.5114, 79.7992, 86.2331

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.5471, 79.1206, 85.3134 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(240, 227, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 229)  
}
```

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(240, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 229) }
```

## Border

The CSS property to change the border of an element to XYZ 77.5471, 79.1206, 85.3134 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(240, 227, 229) }
```



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

```
.border{ border-color:rgb(240, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
229) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.5471, 79.1206, 85.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 229) }
```

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

```
.background{ background-color: rgb(240,  
227, 229) }
```

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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