

# Converting Colors

XYZ(75.0619, 85.5556, 65.3810)

Have a look what the booklet for  
XYZ(75.0619, 85.5556, 65.3810)  
contains.

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# Color

**XYZ(75.0619, 85.5556,  
65.3810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6F4C5
RGB	230, 244, 197
RGB Percent	90%, 96%, 77%
CMY	0.0980, 0.0431, 0.2274
CMYK	0.06, 0.00, 0.19, 0.04
HSL	78°, 68%, 86%
HSV	78°, 19%, 96%
XYZ	75.0619, 85.5556, 65.3810
YIQ	234.4560, 6.7430, -17.5850

# Conversions

## Conversions Part 2

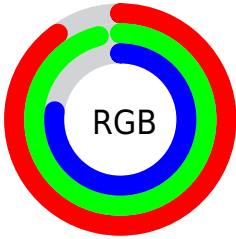
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 244, 211
Decimal	15135941
CIELab	94.12, -12.50, 21.13
CIELCh	94, 24.554, 120.599
Yxy	85.5556, 0.3321, 0.3786
Android (android.graphics.Color)	4293326021 (0xFFE6F4C5)
YUV	234.4560, -18.4658, -3.9079
Hunter-Lab	92.4963, -17.0135, 22.8382

# Details

The XYZ color **75.0619, 85.5556, 65.3810** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.1627, 60.3153, 93.9056**, and the grayscale version is **78.6864, 82.7842, 90.1520**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.3967, 46.9483, 32.9194** is the 20% darker color. If you saturate the color by 10%, you get **70.2053, 83.3518, 51.7216**, and if you desaturate by 10%, it is **80.4730, 87.9981, 81.4321**.

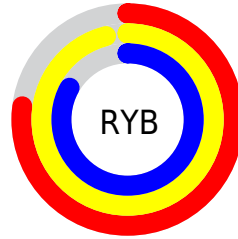
# Distribution



Red (90%)

Green (96%)

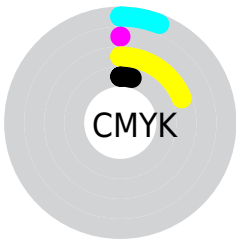
Blue (77%)



Red (77%)

Yellow (96%)

Blue (83%)

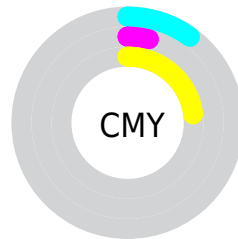


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (4%)



Cyan (10%)

Magenta (4%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0619, 85.5556, 65.3810 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 75.0619, 85.5556, 65.3810 by changing the saturation by 10% instead.



75.0619, 85.5556,  
65.3810

75.0619, 85.5556,  
65.3810

467.1242,  
513.4647, 462.5035

55.9580, 64.3006,  
47.3168

125.3874,  
141.1492, 114.2160

40.4061, 46.8941,  
32.9300

157.3397,  
176.2565, 145.8238

28.0409, 32.9520,  
21.8022

194.3055,  
216.7500, 182.7832

18.4971, 22.0897,  
13.5147

236.6501,  
263.0142, 225.5128

11.4093, 13.9228,  
7.6490

284.7389,  
315.4333, 274.4311

6.4122, 8.0670,  
3.7867

338.9373,

3.1403, 4.1378,

374.3919, 329.9566

1.5091

399.6106,  
440.2742, 392.5079

■ 1.2284, 1.7510,  
0.2247

■ 0.1286, 0.4563,  
0.0000

■ 75.0619, 85.5556,  
65.3810

■ 75.0619, 85.5556,  
65.3810

■ 70.2053, 83.3518,  
51.7216

■ 80.4730, 87.9981,  
81.4321

■ 65.8734, 81.3663,  
40.3338

■ 86.4532, 90.6767,  
99.9763

■ 62.0439, 79.5926,  
31.0955

■ 90.4791, 92.5852,  
107.7097

■ 58.6897, 78.0199,  
23.8709

■ 91.6424, 93.1849,  
107.7641

■ 55.7808, 76.6359,  
18.5087

■ 53.2833, 75.4271,  
14.8363

■ 51.1569, 74.3771,  
12.6489

■ 49.3403, 73.4613,  
11.6306

■ 49.2133, 73.3970,  
11.5732

# Harmonies

## Analogous

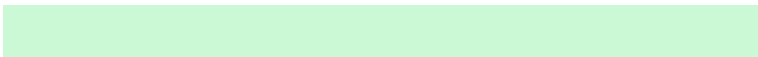
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1861, 85.5556, 61.4878



75.0619, 85.5556, 65.3810



70.8117, 85.5556, 76.5156

# Triad

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



75.0619, 85.5556, 65.3810



75.2789, 85.5556, 128.3233



94.6010, 85.5556, 92.7780

# Complementary

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



75.0619, 85.5556, 65.3810



63.1627, 60.3153, 93.9056

# Split Complementary

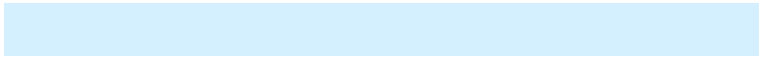
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8153, 85.5556, 112.0482



75.0619, 85.5556, 65.3810



81.4501, 85.5556, 134.1702

# Square

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



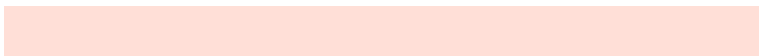
75.0619, 85.5556, 65.3810



70.9322, 85.5556, 112.7904



87.9125, 85.5556, 127.8558



92.6712, 85.5556, 75.9427

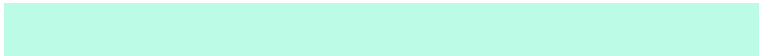


# Rectangle

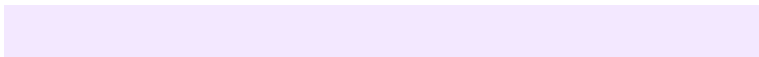
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0619, 85.5556, 65.3810



69.4924, 85.5556, 87.3760



87.9125, 85.5556, 127.8558



94.4144, 85.5556, 99.1844

# Sweetspot

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



75.0642, 85.5593, 65.3828



91.0263, 98.1991, 96.3613



70.5142, 69.5167, 62.5261



19.3926, 20.9779, 20.3463



0.0000, 0.0000, 0.0000

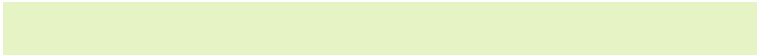


20.3446, 21.4041, 23.3091

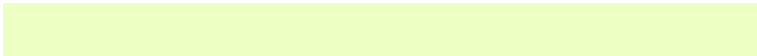


# Same Dimension

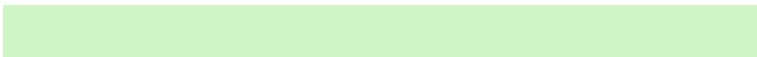
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0642, 85.5593, 65.3828



80.8644, 93.6165, 66.2415



68.2149, 82.0284, 65.0623



17.4058, 19.0513, 17.5574



26.9021, 39.9813, 6.2993



2.4675, 3.5671, 0.5585



# Inverse Universe

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



63.1627, 60.3153, 93.9056



65.5494, 61.1277, 102.9517



70.1699, 63.9277, 94.2335



16.0452, 16.1660, 20.8172



10.4800, 4.3769, 46.8305

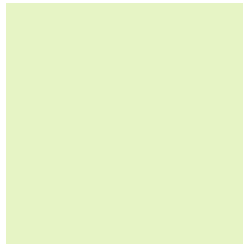


1.0201, 0.4357, 4.1206



# Previews

## White Background



This preview shows how the XYZ color 75.0619, 85.5556, 65.3810 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

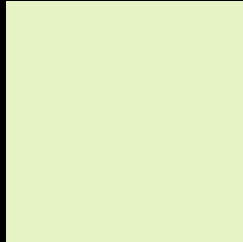
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.0619, 85.5556, 65.3810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

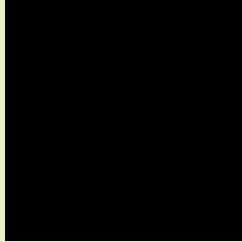
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

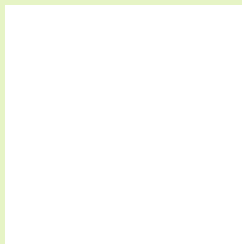
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 75.0619, 85.5556, 65.3810

## Background



This preview shows how black text looks on a background with the XYZ color 75.0619, 85.5556, 65.3810.



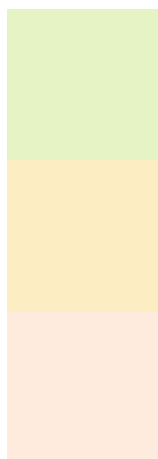
This preview shows how white text looks on a background with the XYZ color 75.0619, 85.5556,

65.3810.

# 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

75.0619, 85.5556, 65.3810

### Protanopia

80.1667, 85.1589, 63.2510

### Deuteranopia

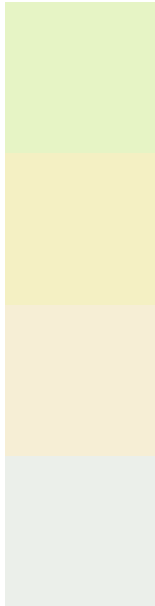
83.8476, 85.3796, 81.1679



## Tritanopia

83.3053, 85.3880, 106.6986

# Trichromacy



## Original Color

75.0619, 85.5556, 65.3810

## Protanomaly

78.3186, 85.4934, 64.0038

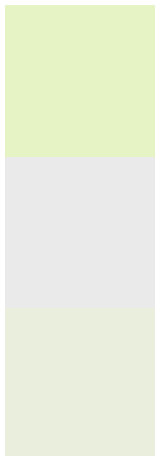
## Deuteranomaly

80.5908, 85.5460, 75.2152

## Tritanomaly

79.9787, 85.3357, 90.0980

# Monochromacy



## Original Color

75.0619, 85.5556, 65.3810

## Achromatopsia

78.2058, 82.2786, 89.6014

## Achromatomaly

77.2300, 83.6932, 80.4906

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.0619, 85.5556, 65.3810 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(230, 244, 197)` looks like.

```
.text, #text, p{  
    color:rgb(230, 244, 197)  
}
```

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(230, 244, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 244, 197) }
```

## Border

The CSS property to change the border of an element to XYZ 75.0619, 85.5556, 65.3810 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(230, 244, 197) }
```



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

```
.border{ border-color:rgb(230, 244, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 244, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 244, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 244, 197);  
box-shadow:4px 4px 4px 4px rgb(230, 244,  
197) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.0619, 85.5556, 65.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 244, 197) }
```

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

```
.background{ background-color: rgb(230,  
244, 197) }
```

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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