

Converting Colors

XYZ(76.4619, 85.4151, 64.2069)

Have a look what the booklet for
XYZ(76.4619, 85.4151, 64.2069)
contains.

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Color

**XYZ(76.5275, 85.4489,
64.0896)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF2C3
RGB	237, 242, 195
RGB Percent	93%, 95%, 76%
CMY	0.0706, 0.0510, 0.2353
CMYK	0.02, 0.00, 0.19, 0.05
HSL	66°, 64%, 86%
HSV	66°, 19%, 95%
XYZ	76.5275, 85.4489, 64.0896
YIQ	235.1470, 12.1070, -15.6770

Conversions

Conversions Part 2

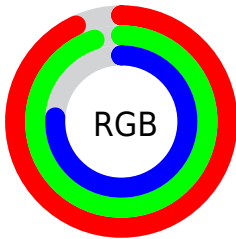
Format	Color
RYB	195, 242, 200
Decimal	15594179
CIELab	94.08, -9.31, 22.17
CIElCh	94, 24.051, 112.782
Yxy	85.4489, 0.3385, 0.3780
Android (android.graphics.Color)	4293784259 (0xFFEDF2C3)
YUV	235.1470, -19.7925, 1.6251
Hunter-Lab	92.4386, -13.9920, 23.6000

Details

The XYZ color **76.5275, 85.4489, 64.0896** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.3648, 57.7226, 92.0218**, and the grayscale version is **79.2191, 83.3446, 90.7623**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **41.4227, 46.8647, 32.0619** is the 20% darker color. If you saturate the color by 10%, you get **73.1566, 84.0047, 50.7877**, and if you desaturate by 10%, it is **80.3588, 87.0844, 79.7314**.

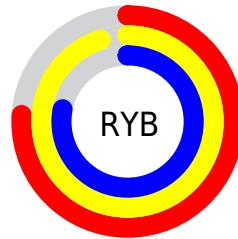
Distribution



Red (93%)

Green (95%)

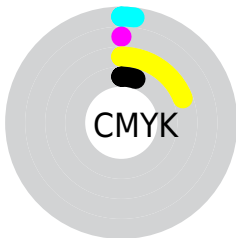
Blue (76%)



Red (76%)

Yellow (95%)

Blue (78%)

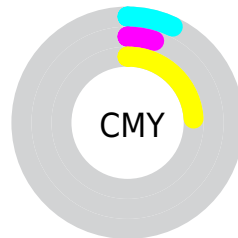


Cyan (2%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5275, 85.4489, 64.0896 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 76.5275, 85.4489, 64.0896 by changing the saturation by 10% instead.

76.5275, 85.4489,
64.0896

76.5275, 85.4489,
64.0896

472.0682,
513.1123, 457.7295

57.1637, 64.2124,
46.2766

127.4487,
141.0002, 112.3407

41.3774, 46.8227,
32.1139

159.7368,
176.0837, 143.6158

28.8030, 32.8955,
21.1830

197.0637,
216.5517, 180.2154

19.0754, 22.0464,
13.0653

239.7948,
262.7886, 222.5581

11.8291, 13.8910,
7.3423

288.2955,
315.1786, 271.0623

6.6988, 8.0449,
3.5954

342.9310,

3.3191, 4.1237,

374.1064, 326.1465

1.4061

404.0668,
439.9561, 388.2294

■ 1.3247, 1.7430,
0.1465

■ 0.2016, 0.4513,
0.0000

■ 76.5275, 85.4489,
64.0896

■ 76.5275, 85.4489,
64.0896

■ 73.1566, 84.0047,
50.7877

■ 80.3588, 87.0844,
79.7314

■ 70.2180, 82.7320,
39.7078

■ 84.6636, 88.9079,
97.8123

■ 67.6908, 81.6253,
30.7302

■ 87.3666, 90.0921,
107.3925

■ 65.5496, 80.6744,
23.7216

■ 88.2707, 90.5582,
107.4348

■ 63.7662, 79.8680,
18.5336

■ 89.1873, 91.0307,
107.4777

■ 62.3083, 79.1932,
14.9967

■ 90.1166, 91.5098,
107.5212

■ 61.1377, 78.6347,
12.9096

■ 91.0439, 91.9878,
107.5646

■ 60.1942, 78.1684,
11.9556

■ 60.1425, 78.1427,
11.9132

Harmonies

Analogous

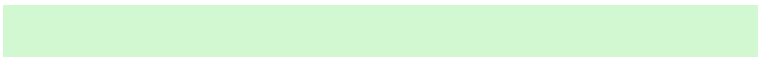
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7784, 85.4489, 62.1754



76.5275, 85.4489, 64.0896



71.7731, 85.4489, 73.2430

Triad

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



76.5275, 85.4489, 64.0896



73.9730, 85.4489, 124.1446



94.0957, 85.4489, 97.5549

Complementary

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



76.5275, 85.4489, 64.0896



59.3648, 57.7226, 92.0218

Split Complementary

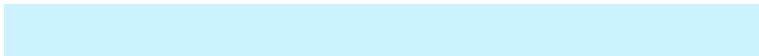
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4541, 85.4489, 116.1154



76.5275, 85.4489, 64.0896



79.6746, 85.4489, 132.7264

Square

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



76.5275, 85.4489, 64.0896



70.3535, 85.4489, 107.4188



86.0935, 85.4489, 129.6096



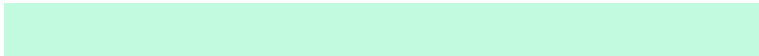
93.1441, 85.4489, 80.0041

Rectangle

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



76.5275, 85.4489, 64.0896



69.9816, 85.4489, 82.9569



86.0935, 85.4489, 129.6096



93.5940, 85.4489, 103.9073

Sweetspot

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



76.5297, 85.4527, 64.0914



92.0868, 98.7458, 96.4110



67.0560, 63.9894, 60.4479



19.6439, 21.1075, 20.3580



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

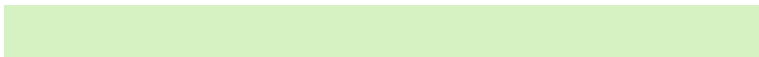
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5297, 85.4527, 64.0914



84.7432, 95.6162, 66.4230



69.2787, 81.7146, 63.7521



16.9474, 18.3686, 16.8020



32.3775, 42.0128, 6.4028



2.7406, 3.5194, 0.5349

Inverse Universe

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



59.3648, 57.7226, 92.0218



62.3875, 59.4977, 102.8038



66.0379, 61.1627, 92.3341



15.0535, 15.3093, 19.8832



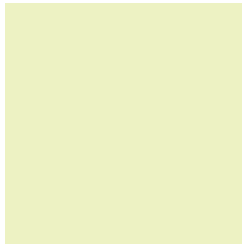
8.8893, 3.5880, 45.3519



0.7910, 0.3251, 3.7753

Previews

White Background



This preview shows how the XYZ color 76.5275, 85.4489, 64.0896 looks on a white background.

Color Contrast Check

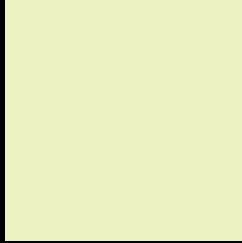
Large Text (above 18pt) WCAG AA × Fail

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 76.5275, 85.4489, 64.0896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

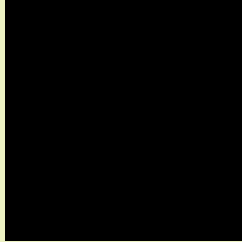
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

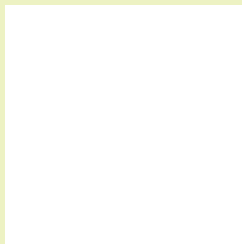
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5275, 85.4489, 64.0896

Background



This preview shows how black text looks on a background with the XYZ color 76.5275, 85.4489, 64.0896.

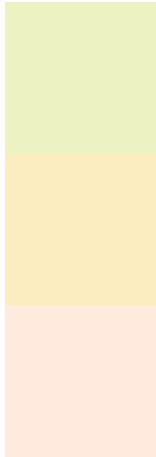


This preview shows how white text looks on a background with the XYZ color 76.5275, 85.4489,

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

76.5275, 85.4489, 64.0896

Protanopia

80.0547, 85.1141, 62.6614

Deuteranopia

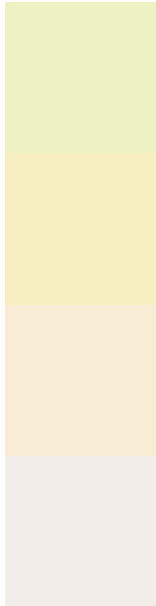
83.7140, 85.3261, 80.4640



Tritanopia

84.8086, 85.3500, 104.9328

Trichromacy



Original Color

76.5275, 85.4489, 64.0896

Protanomaly

78.9619, 85.4022, 63.3615

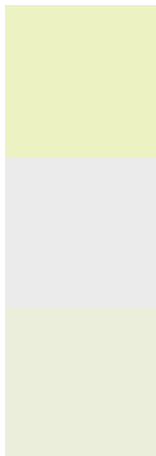
Deuteranomaly

80.8793, 85.2783, 74.4849

Tritanomaly

81.4676, 85.2718, 88.5092

Monochromacy



Original Color

76.5275, 85.4489, 64.0896

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0849, 84.1492, 79.8371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5275, 85.4489, 64.0896 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(237, 242, 195)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 195)  
}
```

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(237, 242, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 195) }
```

Border

The CSS property to change the border of an element to XYZ 76.5275, 85.4489, 64.0896 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(237, 242, 195) }
```


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

```
.border{ border-color:rgb(237, 242, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 242, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 195);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5275, 85.4489, 64.0896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 195) }
```

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

```
.background{ background-color: rgb(237,  
242, 195) }
```

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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