

Converting Colors

XYZ(74.6848, 84.0583, 64.0393)

Have a look what the booklet for
XYZ(74.6848, 84.0583, 64.0393)
contains.

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Color

**XYZ(74.5843, 84.0065,
63.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F1C3
RGB	232, 241, 195
RGB Percent	91%, 95%, 76%
CMY	0.0902, 0.0549, 0.2353
CMYK	0.04, 0.00, 0.19, 0.05
HSL	72°, 62%, 85%
HSV	72°, 19%, 95%
XYZ	74.5843, 84.0065, 63.9136
YIQ	233.0650, 9.4020, -16.2140

Conversions

Conversions Part 2

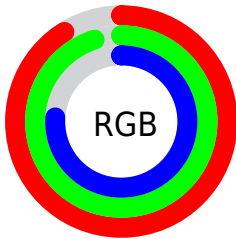
Format	Color
R _Y B	195, 241, 204
Decimal	15266243
CIE Lab	93.45, -10.60, 21.25
CIE LCh	93, 23.750, 116.504
Yxy	84.0065, 0.3352, 0.3775
Android (android.graphics.Color)	4293456323 (0xFFE8F1C3)
YUV	233.0650, -18.7660, -0.9340
Hunter-Lab	91.6551, -15.1420, 22.8140

Details

The XYZ color **74.5843, 84.0065, 63.9136** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.2974, 58.2207, 91.2834**, and the grayscale version is **77.6348, 81.6779, 88.9472**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **40.0612, 45.8511, 31.9380** is the 20% darker color. If you saturate the color by 10%, you get **70.5662, 82.2275, 50.6311**, and if you desaturate by 10%, it is **79.0878, 85.9900, 79.5180**.

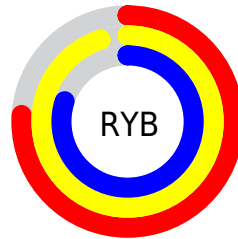
Distribution



Red (91%)

Green (95%)

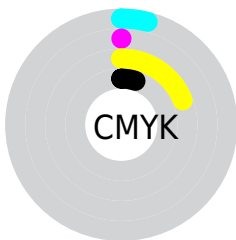
Blue (76%)



Red (76%)

Yellow (95%)

Blue (80%)

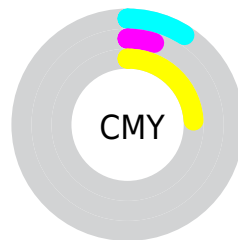


Cyan (4%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5843, 84.0065, 63.9136 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 74.5843, 84.0065, 63.9136 by changing the saturation by 10% instead.

74.5843, 84.0065,
63.9136

74.5843, 84.0065,
63.9136

465.5068,
508.3348, 457.0765

55.5654, 63.0208,
46.1350

124.7148,
138.9843, 112.0848

40.0902, 45.8580,
32.0029

156.5571,
173.7451, 143.3144

27.7934, 32.1338,
21.0989

193.4046,
213.8665, 179.8647

18.3096, 21.4637,
13.0044

235.6225,
259.7328, 222.1544

11.2735, 13.4634,
7.3008

283.5764,
311.7284, 270.6018

6.3198, 7.7484,
3.5696

337.6315,

3.0830, 3.9344,

370.2376, 325.6256

1.3923

398.1531,
435.6450, 387.6443

■ 1.1978, 1.6369,
0.1357

■ 0.1046, 0.3823,
0.0000

■ 74.5843, 84.0065,
63.9136

■ 74.5843, 84.0065,
63.9136

■ 70.5662, 82.2275,
50.6311

■ 79.0878, 85.9900,
79.5180

■ 67.0056, 80.6334,
39.5541

■ 84.0900, 88.1750,
97.5424

■ 63.8814, 79.2186,
30.5645

■ 87.5670, 89.7547,
107.3169

■ 61.1684, 77.9729,
23.5306

■ 89.2443, 90.6194,
107.3954

■ 58.8385, 76.8850,
18.3062

■ 90.7470, 91.3941,
107.4657

■ 56.8597, 75.9421,
14.7244

■ 55.1940, 75.1290,
12.5871

■ 53.7839, 74.4226,
11.5934

■ 53.6614, 74.3608,
11.5248

Harmonies

Analogous

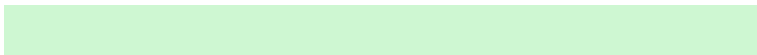
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5831, 84.0065, 61.1470



74.5843, 84.0065, 63.9136



70.2059, 84.0065, 73.7030

Triad

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



74.5843, 84.0065, 63.9136



73.3740, 84.0065, 123.3967



92.4967, 84.0065, 93.5906

Complementary

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



74.5843, 84.0065, 63.9136



60.2974, 58.2207, 91.2834

Split Complementary

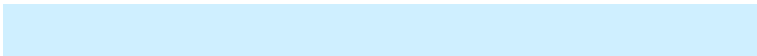
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3297, 84.0065, 111.8820



74.5843, 84.0065, 63.9136



79.1127, 84.0065, 130.4509

Square

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



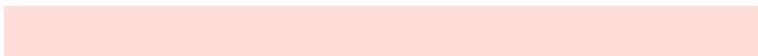
74.5843, 84.0065, 63.9136



69.5333, 84.0065, 107.7624



85.3488, 84.0065, 125.9855



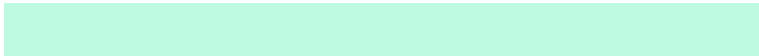
91.1303, 84.0065, 76.9064

Rectangle

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



74.5843, 84.0065, 63.9136



68.6847, 84.0065, 83.6438



85.3488, 84.0065, 125.9855



92.1546, 84.0065, 99.7672

Sweetspot

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



74.5865, 84.0102, 63.9154



91.5903, 98.4898, 96.3877



67.5872, 65.5601, 60.7231



19.5262, 21.0468, 20.3525



0.0000, 0.0000, 0.0000



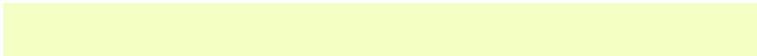
20.3446, 21.4041, 23.3091

Same Dimension

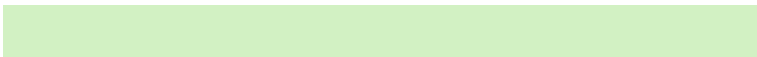
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5865, 84.0102, 63.9154



82.9054, 94.6687, 66.3370



67.7636, 80.4929, 63.5961



16.8021, 18.2936, 16.7952



29.2090, 40.3793, 6.2545



2.5064, 3.3986, 0.5239

Inverse Universe

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



60.2974, 58.2207, 91.2834



63.8338, 60.2433, 102.8715



66.8952, 61.6220, 91.5921



15.1861, 15.3776, 19.8894



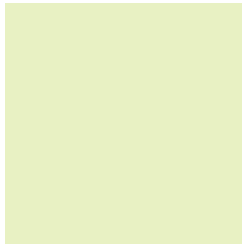
9.3353, 3.8179, 45.3728



0.8540, 0.3575, 3.7782

Previews

White Background



This preview shows how the XYZ color 74.5843, 84.0065, 63.9136 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 74.5843, 84.0065, 63.9136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

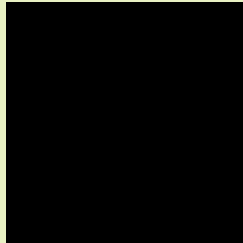
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

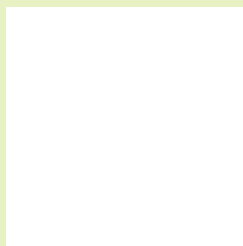
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5843, 84.0065, 63.9136

Background



This preview shows how black text looks on a background with the XYZ color 74.5843, 84.0065, 63.9136.

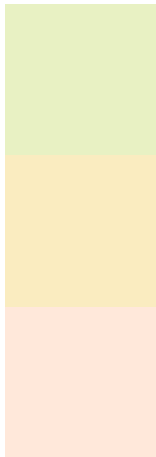


This preview shows how white text looks on a background with the XYZ color 74.5843, 84.0065,

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

74.5843, 84.0065, 63.9136

Protanopia

78.9342, 84.1207, 61.9458

Deuteranopia

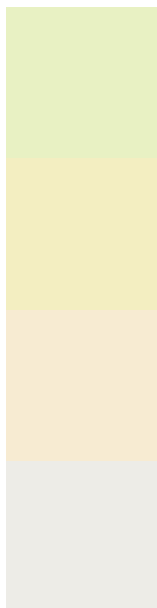
82.7515, 84.0352, 78.1886



Tritanopia

82.6448, 83.8314, 103.9207

Trichromacy



Original Color

74.5843, 84.0065, 63.9136

Protanomaly

77.1623, 84.0540, 62.6092

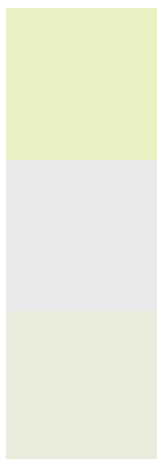
Deuteranomaly

79.6990, 83.8440, 72.9557

Tritanomaly

79.3443, 83.7650, 87.5877

Monochromacy



Original Color

74.5843, 84.0065, 63.9136

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3859, 82.4290, 78.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5843, 84.0065, 63.9136 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(232, 241, 195)` looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 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(232, 241, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 195) }
```

Border

The CSS property to change the border of an element to XYZ 74.5843, 84.0065, 63.9136 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(232, 241, 195) }
```


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

```
.border{ border-color:rgb(232, 241, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 241, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 195);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5843, 84.0065, 63.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 195) }
```

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

```
.background{ background-color: rgb(232,  
241, 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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