

Converting Colors

XYZ(76.2348, 84.8307, 71.5145)

Have a look what the booklet for
XYZ(76.2348, 84.8307, 71.5145)
contains.

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Color

**XYZ(75.9965, 84.5714,
71.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F1CF
RGB	232, 241, 207
RGB Percent	91%, 95%, 81%
CMY	0.0902, 0.0549, 0.1882
CMYK	0.04, 0.00, 0.14, 0.05
HSL	76°, 55%, 88%
HSV	76°, 14%, 95%
XYZ	75.9965, 84.5714, 71.3500
YIQ	234.4330, 5.5500, -12.4820

Conversions

Conversions Part 2

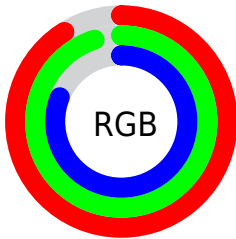
Format	Color
R _Y B	207, 241, 216
Decimal	15266255
CIE Lab	93.70, -8.76, 15.42
CIE LCh	94, 17.734, 119.608
Yxy	84.5714, 0.3277, 0.3647
Android (android.graphics.Color)	4293456335 (0xFFE8F1CF)
YUV	234.4330, -13.5245, -2.1337
Hunter-Lab	91.9627, -13.4252, 18.3733

Details

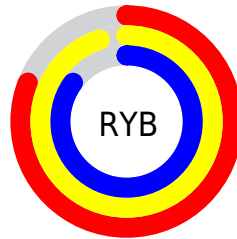
The XYZ color **75.9965, 84.5714, 71.3500** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.5123, 65.5778, 92.3758**, and the grayscale version is **78.6332, 82.7283, 90.0911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0032, 46.2279, 36.8988** is the 20% darker color. If you saturate the color by 10%, you get **71.2386, 82.4360, 56.9030**, and if you desaturate by 10%, it is **81.2840, 86.9329, 88.1729**.

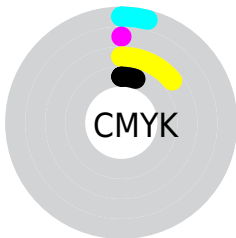
Distribution



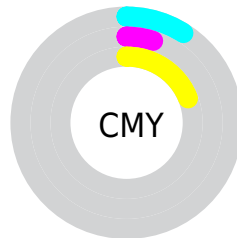
- Red (91%)
- Green (95%)
- Blue (81%)



- Red (81%)
- Yellow (95%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9965, 84.5714, 71.3500 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 75.9965, 84.5714, 71.3500 by changing the saturation by 10% instead.

75.9965, 84.5714,
71.3500

75.9965, 84.5714,
71.3500

470.2803,
510.2088, 484.1926

56.7267, 63.4873,
52.1443

126.7023,
139.7742, 122.8311

41.0251, 46.2355,
36.7371

158.8691,
174.6617, 155.9435

28.5265, 32.4317,
24.7098

196.0655,
214.9191, 194.5286

18.8654, 21.6915,
15.6439

238.6570,
260.9308, 239.0048

11.6765, 13.6304,
9.1209

287.0088,
313.0813, 289.7908

6.5944, 7.8640,
4.7222

341.4864,

3.2538, 4.0081,

371.7548, 347.3051

2.0294

402.4551,
437.3358, 411.9662

■ 1.2894, 1.6781,
0.5732

■ 0.1752, 0.4094,
0.0000

■ 75.9965, 84.5714,
71.3500

■ 75.9965, 84.5714,
71.3500

■ 71.2386, 82.4360,
56.9030

■ 81.2840, 86.9329,
88.1729

■ 66.9824, 80.5071,
44.7194

■ 87.0814, 89.5044,
107.2941

■ 63.2074, 78.7792,
34.6857

■ 89.3439, 90.6707,
107.4000

■ 59.8891, 77.2424,
26.6764

■ 90.7470, 91.3940,
107.4657

■ 57.0003, 75.8857,
20.5531

■ 54.5106, 74.6969,
16.1599

■ 52.3848, 73.6617,
13.3162

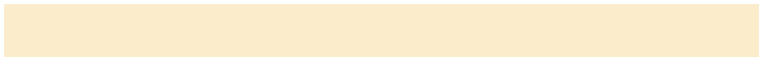
■ 50.5803, 72.7631,
11.8013

■ 49.6302, 72.2827,
11.3362

Harmonies

Analogous

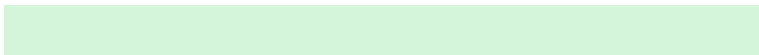
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4445, 84.5714, 68.5352



75.9965, 84.5714, 71.3500



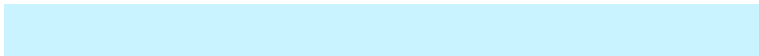
72.8309, 84.5714, 79.5915

Triad

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



75.9965, 84.5714, 71.3500



75.8932, 84.5714, 116.2821



89.7700, 84.5714, 92.2613

Complementary

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



75.9965, 84.5714, 71.3500



66.5123, 65.5778, 92.3758

Split Complementary

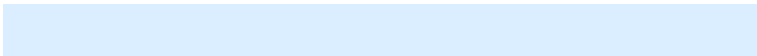
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4390, 84.5714, 105.8195



75.9965, 84.5714, 71.3500



80.3207, 84.5714, 120.4895

Square

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



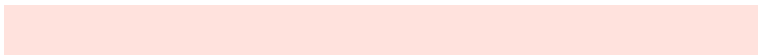
75.9965, 84.5714, 71.3500



72.7729, 84.5714, 105.4829



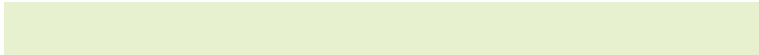
84.9343, 84.5714, 116.4893



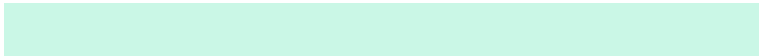
88.5050, 84.5714, 79.8705

Rectangle

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



75.9965, 84.5714, 71.3500



71.8109, 84.5714, 87.4901



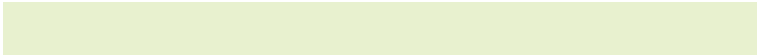
84.9343, 84.5714, 116.4893



89.6106, 84.5714, 96.8357

Sweetspot

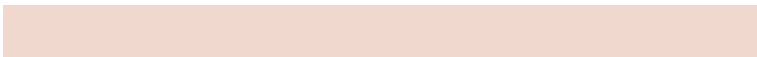
The Sweet Spot groups the original color and five complimentary colors.



75.9988, 84.5751, 71.3518



92.4641, 98.8517, 100.4331



71.9691, 72.0643, 69.1494



19.6894, 21.1131, 21.1669



0.0000, 0.0000, 0.0000



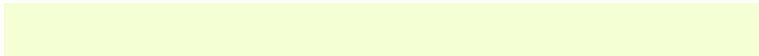
20.3446, 21.4041, 23.3091

Same Dimension

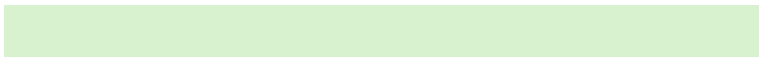
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9988, 84.5751, 71.3518



84.7415, 95.4032, 76.0044



70.8920, 81.9425, 71.1128



16.6907, 18.2362, 16.7900



27.0459, 39.2642, 6.1533



2.3432, 3.3145, 0.5163

Inverse Universe

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



66.5123, 65.5778, 92.3758



71.9775, 69.8408, 104.2947



71.6342, 68.2183, 92.6155



15.2898, 15.4311, 19.8943



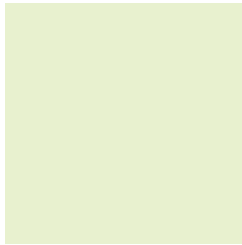
9.8582, 4.0875, 45.3973



0.9109, 0.3869, 3.7809

Previews

White Background



This preview shows how the XYZ color 75.9965, 84.5714, 71.3500 looks on a white background.

Color Contrast Check

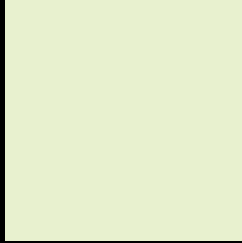
Large Text (above 18pt) WCAG AA × Fail

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 75.9965, 84.5714, 71.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

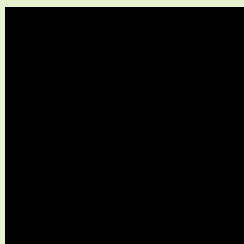
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

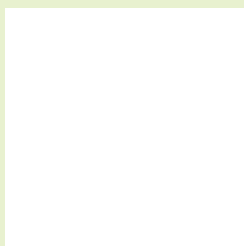
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9965, 84.5714, 71.3500

Background



This preview shows how black text looks on a background with the XYZ color 75.9965, 84.5714, 71.3500.



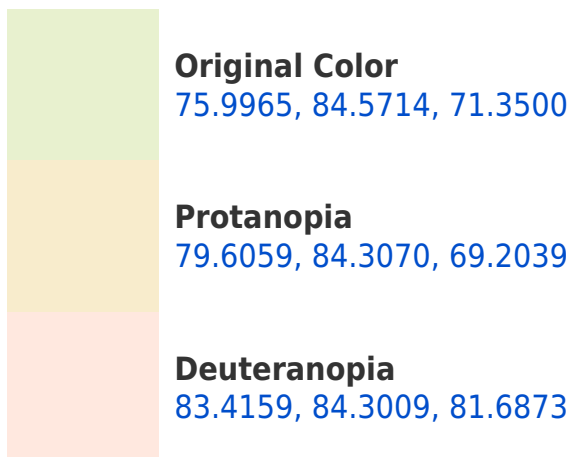
This preview shows how white text looks on a background with the XYZ color 75.9965, 84.5714,

71.3500.

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

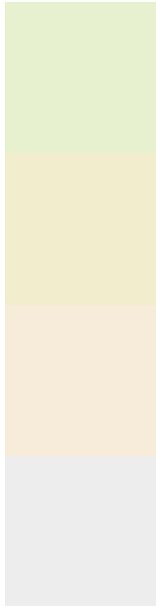




Tritanopia

82.7490, 84.2882, 104.8364

Trichromacy



Original Color

75.9965, 84.5714, 71.3500

Protanomaly

78.2119, 84.4341, 69.9328

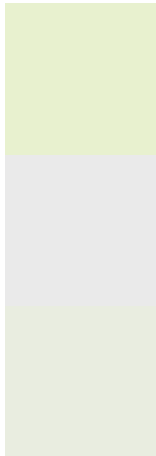
Deuteranomaly

80.5905, 84.2006, 77.6504

Tritanomaly

80.0166, 84.4574, 91.4415

Monochromacy



Original Color

75.9965, 84.5714, 71.3500

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3430, 83.2738, 82.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9965, 84.5714, 71.3500 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 207) }
```

Border

The CSS property to change the border of an element to XYZ 75.9965, 84.5714, 71.3500 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, 207) }
```


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

```
.border{ border-color:rgb(232, 241, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9965, 84.5714, 71.3500 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, 207) }
```

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

```
.background{ background-color: rgb(232,  
241, 207) }
```

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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