

Converting Colors

XYZ(76.7055, 84.7286, 75.7865)

Have a look what the booklet for
XYZ(76.7055, 84.7286, 75.7865)
contains.

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Color

**XYZ(76.8716, 84.9214,
75.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F1D6
RGB	232, 241, 214
RGB Percent	91%, 95%, 84%
CMY	0.0902, 0.0549, 0.1608
CMYK	0.04, 0.00, 0.11, 0.05
HSL	80°, 49%, 89%
HSV	80°, 11%, 95%
XYZ	76.8716, 84.9214, 75.9582
YIQ	235.2310, 3.3030, -10.3050

Conversions

Conversions Part 2

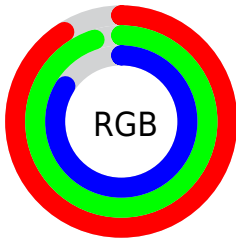
Format	Color
RYB	214, 241, 223
Decimal	15266262
CIELab	93.85, -7.64, 12.02
CIELCh	94, 14.239, 122.442
Yxy	84.9214, 0.3233, 0.3572
Android (android.graphics.Color)	4293456342 (0xFFE8F1D6)
YUV	235.2310, -10.4669, -2.8336
Hunter-Lab	92.1528, -12.3671, 15.6364

Details

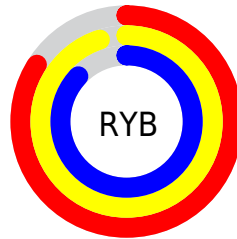
The XYZ color **76.8716, 84.9214, 75.9582** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.3584, 70.1342, 93.0525**, and the grayscale version is **79.2190, 83.3446, 90.7623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5115, 46.4312, 39.5751** is the 20% darker color. If you saturate the color by 10%, you get **71.4700, 82.4690, 60.8099**, and if you desaturate by 10%, it is **82.8526, 87.6249, 93.5143**.

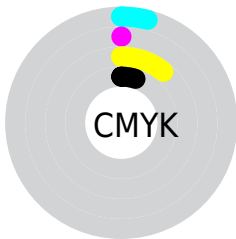
Distribution



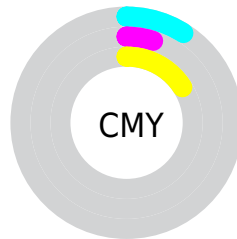
- Red (91%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8716, 84.9214, 75.9582 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 76.8716, 84.9214, 75.9582 by changing the saturation by 10% instead.

76.8716, 84.9214,
75.9582

76.8716, 84.9214,
75.9582

473.2248,
511.3679, 500.5476

57.4471, 63.7764,
55.8918

127.9320,
140.2634, 129.4274

41.6058, 46.4696,
39.7128

160.2986,
175.2291, 163.6672

28.9825, 32.6166,
27.0026

197.7099,
215.5706, 203.4686

19.2118, 21.8329,
17.3427

240.5313,
261.6723, 249.2500

11.9283, 13.7342,
10.3146

289.1281,
313.9184, 301.4301

6.7668, 7.9360,
5.4997

343.8658,

3.3617, 4.0540,

372.6935, 360.4274

2.4795

405.1095,
438.3819, 426.6604

■ 1.3478, 1.7038,
0.8293

■ 0.2186, 0.4261,
0.0000

■ 76.8716, 84.9214,
75.9582

■ 76.8716, 84.9214,
75.9582

■ 71.4700, 82.4690,
60.8099

■ 82.8526, 87.6249,
93.5143

■ 66.6194, 80.2479,
47.9588

■ 88.2446, 90.1039,
107.3485

■ 62.2991, 78.2522,
37.2940

■ 90.7470, 91.3940,
107.4657

■ 58.4841, 76.4720,
28.6932

■ 55.1475, 74.8960,
22.0220

■ 52.2588, 73.5122,
17.1302

■ 49.7836, 72.3063,
13.8454

■ 47.6810, 71.2619,
11.9610

■ 46.0829, 70.4539,
11.1701

Harmonies

Analogous

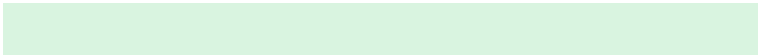
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4053, 84.9214, 73.1552



76.8716, 84.9214, 75.9582



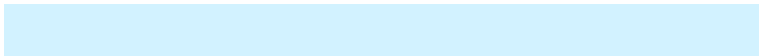
74.4302, 84.9214, 83.1485

Triad

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



76.8716, 84.9214, 75.9582



77.3930, 84.9214, 112.2131



88.2112, 84.9214, 91.5791

Complementary

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



76.8716, 84.9214, 75.9582



70.3584, 70.1342, 93.0525

Split Complementary

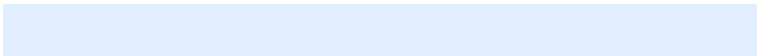
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3445, 84.9214, 102.4526



76.8716, 84.9214, 75.9582



81.0259, 84.9214, 114.9047

Square

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



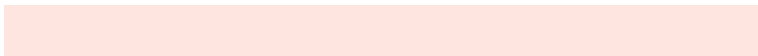
76.8716, 84.9214, 75.9582



74.7245, 84.9214, 104.1096



84.6849, 84.9214, 111.2050



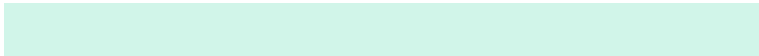
87.0179, 84.9214, 81.7227

Rectangle

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



76.8716, 84.9214, 75.9582



73.7098, 84.9214, 89.7491



84.6849, 84.9214, 111.2050



88.1511, 84.9214, 95.2351

Sweetspot

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



76.8739, 84.9251, 75.9600



92.9103, 99.0364, 102.4982



74.8039, 76.3339, 74.4109



19.7664, 21.1437, 21.5819



0.0000, 0.0000, 0.0000



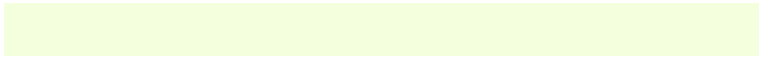
20.3446, 21.4041, 23.3091

Same Dimension

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



76.8739, 84.9251, 75.9600



86.2142, 96.0093, 82.9896



72.6587, 82.7521, 75.7628



16.5810, 18.1797, 16.7848



25.1372, 38.2803, 6.0640



2.1962, 3.2387, 0.5094

Inverse Universe

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



70.3584, 70.1342, 93.0525



77.7044, 76.6904, 105.3150



74.6851, 72.3647, 93.2550



15.3939, 15.4848, 19.8991



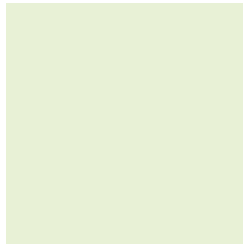
10.5480, 4.4431, 45.4295



0.9791, 0.4220, 3.7841

Previews

White Background



This preview shows how the XYZ color 76.8716, 84.9214, 75.9582 looks on a white background.

Color Contrast Check

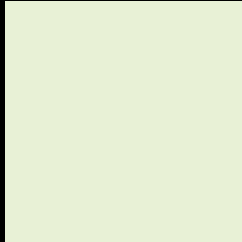
Large Text (above 18pt) WCAG AA × Fail

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 76.8716, 84.9214, 75.9582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

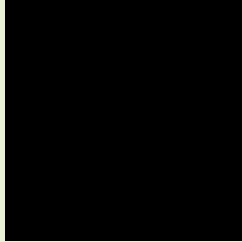
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

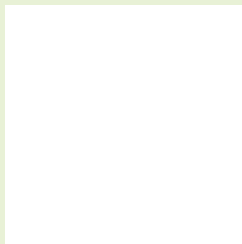
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8716, 84.9214, 75.9582

Background



This preview shows how black text looks on a background with the XYZ color 76.8716, 84.9214, 75.9582.



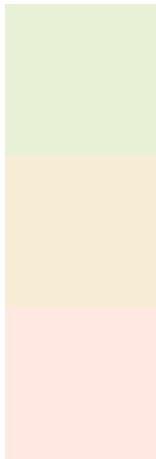
This preview shows how white text looks on a background with the XYZ color 76.8716, 84.9214,

75.9582.

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

76.8716, 84.9214, 75.9582

Protanopia

80.2369, 84.5185, 74.3721

Deuteranopia

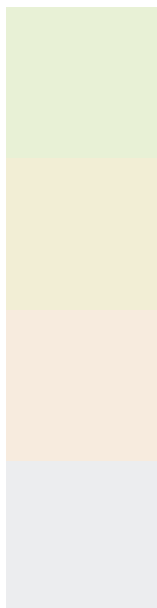
83.8241, 84.4642, 83.8367



Tritanopia

82.8576, 84.7496, 105.7572

Trichromacy



Original Color

76.8716, 84.9214, 75.9582

Protanomaly

79.2027, 84.8304, 75.1503

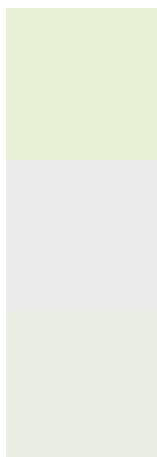
Deuteranomaly

81.2509, 84.4647, 81.1282

Tritanomaly

80.4562, 84.6332, 93.7567

Monochromacy



Original Color

76.8716, 84.9214, 75.9582

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0810, 83.6068, 84.6955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8716, 84.9214, 75.9582 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 214) }
```

Border

The CSS property to change the border of an element to XYZ 76.8716, 84.9214, 75.9582 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, 214) }
```


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

```
.border{ border-color:rgb(232, 241, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8716, 84.9214, 75.9582 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, 214) }
```

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

```
.background{ background-color: rgb(232,  
241, 214) }
```

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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