

Converting Colors

XYZ(76.7468, 84.5093, 75.4418)

Have a look what the booklet for
XYZ(76.7468, 84.5093, 75.4418)
contains.

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Color

**XYZ(76.7746, 84.4479,
75.2044)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F0D5
RGB	233, 240, 213
RGB Percent	91%, 94%, 84%
CMY	0.0863, 0.0588, 0.1647
CMYK	0.03, 0.00, 0.11, 0.06
HSL	76°, 47%, 89%
HSV	76°, 11%, 94%
XYZ	76.7746, 84.4479, 75.2044
YIQ	234.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

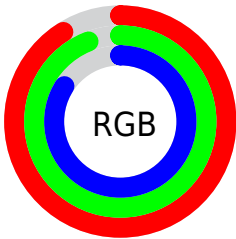
Format	Color
R_{YB}	213, 240, 220
Decimal	15331541
CIE _{Lab}	93.64, -6.95, 12.25
CIE _{LCh}	94, 14.088, 119.573
Yxy	84.4479, 0.3247, 0.3572
Android (android.graphics.Color)	4293521621 (0xFFE9F0D5)
YUV	234.8290, -10.7617, -1.6040
Hunter-Lab	91.8955, -11.6884, 15.8058

Details

The XYZ color **76.7746, 84.4479, 75.2044** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.0409, 69.0977, 92.1409**, and the grayscale version is **78.9144, 83.0241, 90.4132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4435, 46.0967, 39.0610** is the 20% darker color. If you saturate the color by 10%, you get **71.9550, 82.2922, 60.2364**, and if you desaturate by 10%, it is **82.1214, 86.8283, 92.5539**.

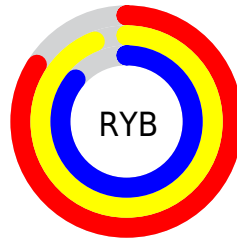
Distribution



Red (91%)

Green (94%)

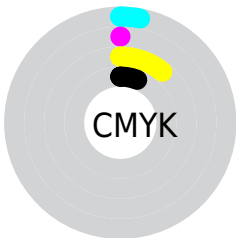
Blue (84%)



Red (84%)

Yellow (94%)

Blue (86%)

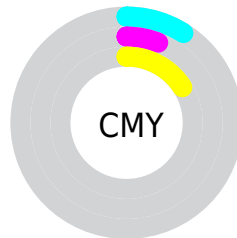


Cyan (3%)

Magenta (0%)

Yellow (11%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7746, 84.4479, 75.2044 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 76.7746, 84.4479, 75.2044 by changing the saturation by 10% instead.

76.7746, 84.4479,
75.2044

76.7746, 84.4479,
75.2044

472.8989,
509.7994, 497.8940

57.3672, 63.3853,
55.2776

127.7958,
139.6016, 128.3514

41.5414, 46.1530,
39.2239

160.1403,
174.4614, 162.4087

28.9319, 32.3666,
26.6248

197.5278,
214.6891, 202.0133

19.1733, 21.6416,
17.0617

240.3238,
260.6691, 247.5837

11.9003, 13.5938,
10.1161

288.8935,
312.7857, 299.5384

6.7476, 7.8387,
5.3694

343.6024,

3.3497, 3.9919,

371.4233, 358.2960

2.4031

404.8157,
436.9665, 424.2750

■ 1.3413, 1.6690,
0.7881

■ 0.2138, 0.4035,
0.0000

■ 76.7746, 84.4479,
75.2044

■ 76.7746, 84.4479,
75.2044

■ 71.9550, 82.2922,
60.2364

■ 82.1214, 86.8283,
92.5539

■ 67.6353, 80.3418,
47.5404

■ 87.0260, 89.0375,
107.2069

■ 63.7958, 78.5916,
37.0067

■ 89.2401, 90.1789,
107.3106

■ 60.4128, 77.0321,
28.5141

■ 90.4518, 90.8036,
107.3673

■ 57.4603, 75.6527,
21.9296

■ 54.9093, 74.4418,
17.1046

■ 52.7265, 73.3859,
13.8683

■ 50.8723, 72.4691,
12.0160

■ 49.4645, 71.7590,
11.2438

Harmonies

Analogous

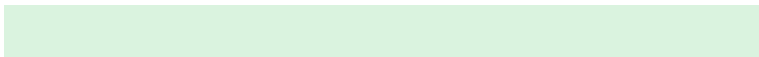
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3187, 84.4479, 72.8871



76.7746, 84.4479, 75.2044



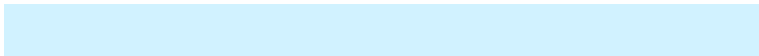
74.2337, 84.4479, 81.9266

Triad

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



76.7746, 84.4479, 75.2044



76.6846, 84.4479, 110.8383



87.6589, 84.4479, 92.1028

Complementary

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



76.7746, 84.4479, 75.2044



69.0409, 69.0977, 92.1409

Split Complementary

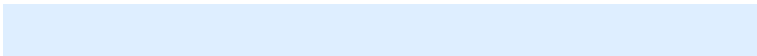
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6149, 84.4479, 102.7581



76.7746, 84.4479, 75.2044



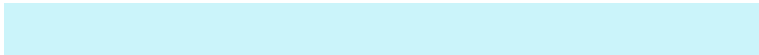
80.2117, 84.4479, 114.0754

Square

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



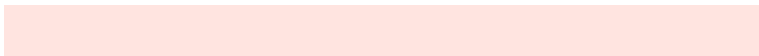
76.7746, 84.4479, 75.2044



74.1829, 84.4479, 102.4724



83.8600, 84.4479, 111.0120



86.6712, 84.4479, 82.1726

Rectangle

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



76.7746, 84.4479, 75.2044



73.4109, 84.4479, 88.2789



83.8600, 84.4479, 111.0120



87.5334, 84.4479, 95.7203

Sweetspot

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



76.7769, 84.4516, 75.2062



93.1163, 99.1426, 102.5078



73.4760, 74.3872, 73.4376



19.8221, 21.1724, 21.5845



0.0000, 0.0000, 0.0000



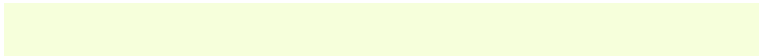
20.3446, 21.4041, 23.3091

Same Dimension

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



76.7769, 84.4516, 75.2062



86.5005, 96.1961, 81.2337



72.6127, 82.3049, 75.0113



16.6994, 18.2407, 16.7904



27.2069, 39.3472, 6.1608



2.3555, 3.3208, 0.5168

Inverse Universe

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



69.0409, 69.0977, 92.1409



75.6328, 74.6255, 105.0256



73.2113, 71.2476, 92.3361



15.2817, 15.4269, 19.8939



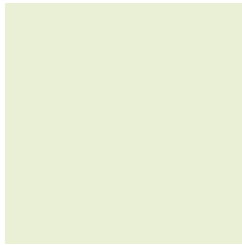
9.8111, 4.0632, 45.3950



0.9060, 0.3843, 3.7806

Previews

White Background



This preview shows how the XYZ color 76.7746, 84.4479, 75.2044 looks on a white background.

Color Contrast Check

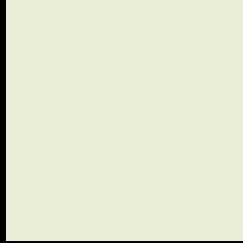
Large Text (above 18pt) WCAG AA × Fail

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 76.7746, 84.4479, 75.2044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

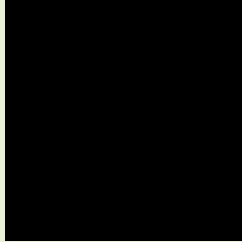
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

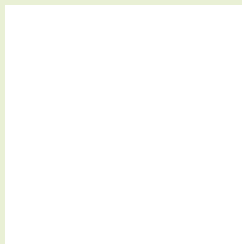
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7746, 84.4479, 75.2044

Background



This preview shows how black text looks on a background with the XYZ color 76.7746, 84.4479, 75.2044.



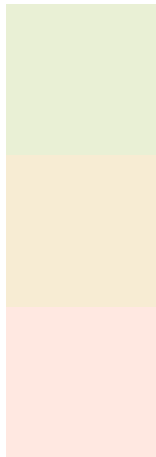
This preview shows how white text looks on a background with the XYZ color 76.7746, 84.4479,

75.2044.

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

76.7746, 84.4479, 75.2044

Protanopia

80.1111, 84.4682, 73.7097

Deuteranopia

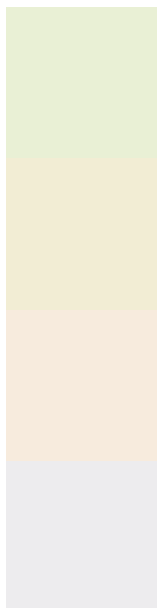
83.6872, 84.4095, 83.1160



Tritanopia

82.7490, 84.2882, 104.8364

Trichromacy



Original Color

76.7746, 84.4479, 75.2044

Protanomaly

78.7858, 84.1991, 74.3869

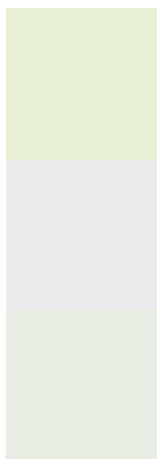
Deuteranomaly

81.1172, 84.4113, 80.4243

Tritanomaly

80.3531, 84.1685, 92.9000

Monochromacy



Original Color

76.7746, 84.4479, 75.2044

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 76.7746, 84.4479, 75.2044 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(233, 240, 213) looks like.

```
.text, #text, p{  
    color:rgb(233, 240, 213)  
}
```

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(233, 240, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 240, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.7746, 84.4479, 75.2044 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(233, 240, 213) }
```


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

```
.border{ border-color:rgb(233, 240, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 240, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 240, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 240, 213);  
box-shadow:4px 4px 4px 4px rgb(233, 240,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7746, 84.4479, 75.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 240, 213) }
```

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

```
.background{ background-color: rgb(233,  
240, 213) }
```

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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