

Converting Colors

XYZ(75.3494, 83.9963, 68.4062)

Have a look what the booklet for
XYZ(75.3494, 83.9963, 68.4062)
contains.

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Color

**XYZ(75.0995, 83.7402,
68.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F0CA
RGB	232, 240, 202
RGB Percent	91%, 94%, 79%
CMY	0.0902, 0.0588, 0.2078
CMYK	0.03, 0.00, 0.16, 0.06
HSL	73°, 56%, 87%
HSV	73°, 16%, 94%
XYZ	75.0995, 83.7402, 68.0824
YIQ	233.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

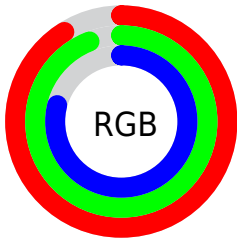
Format	Color
R _Y B	202, 240, 210
Decimal	15265994
CIE Lab	93.34, -9.04, 17.49
CIE LCh	93, 19.688, 117.334
Yxy	83.7402, 0.3309, 0.3690
Android (android.graphics.Color)	4293456074 (0xFFE8F0CA)
YUV	233.2760, -15.4191, -1.1191
Hunter-Lab	91.5097, -13.6518, 19.9455

Details

The XYZ color **75.0995, 83.7402, 68.0824** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.4302, 62.2361, 91.1121**, and the grayscale version is **77.7705, 81.8206, 89.1027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3903, 45.6492, 34.6994** is the 20% darker color. If you saturate the color by 10%, you get **70.8593, 81.8600, 54.1861**, and if you desaturate by 10%, it is **79.8334, 85.8288, 84.3122**.

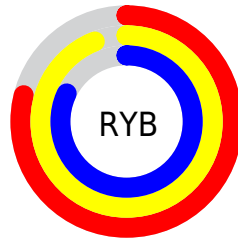
Distribution



Red (91%)

Green (94%)

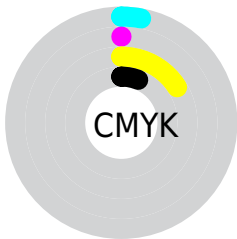
Blue (79%)



Red (79%)

Yellow (94%)

Blue (82%)

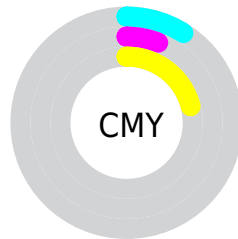


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0995, 83.7402, 68.0824 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 75.0995, 83.7402, 68.0824 by changing the saturation by 10% instead.

75.0995, 83.7402,
68.0824

75.0995, 83.7402,
68.0824

467.2514,
507.4501, 472.3939

55.9889, 62.8010,
49.4977

125.4404,
138.6117, 118.1253

40.4310, 45.6802,
34.6460

157.4013,
173.3127, 150.4206

28.0604, 31.9935,
23.1090

194.3764,
213.3699, 188.1232

18.5119, 21.3566,
14.4679

236.7309,
259.1674, 231.6516

11.4200, 13.3849,
8.3044

284.8304,
311.0898, 281.4243

6.4195, 7.6941,
4.1998

339.0400,

3.1448, 3.8998,

369.5215, 337.8599

1.7356

399.7253,
434.8468, 401.3769

■ 1.2308, 1.6177,
0.3849

■ 0.1305, 0.3695,
0.0000

■ 75.0995, 83.7402,
68.0824

■ 75.0995, 83.7402,
68.0824

■ 70.8593, 81.8600,
54.1861

■ 79.8334, 85.8288,
84.3122

■ 67.0854, 80.1690,
42.5106

■ 85.0737, 88.1228,
102.9705

■ 63.7575, 78.6618,
32.9420

■ 87.6283, 89.3480,
107.2351

■ 60.8514, 77.3286,
25.3543

■ 89.4369, 90.2804,
107.3198

■ 58.3402, 76.1586,
19.6077

■ 90.4518, 90.8035,
107.3673

■ 56.1935, 75.1396,
15.5445

■ 54.3758, 74.2574,
12.9804

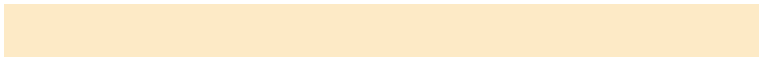
■ 52.8436, 73.4946,
11.6878

■ 52.2610, 73.2006,
11.3747

Harmonies

Analogous

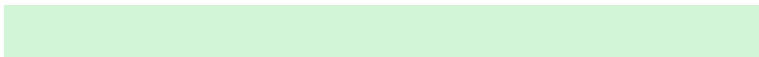
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0574, 83.7402, 65.5154



75.0995, 83.7402, 68.0824



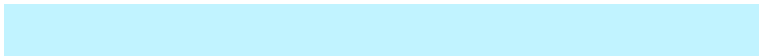
71.4870, 83.7402, 76.6124

Triad

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



75.0995, 83.7402, 68.0824



74.3291, 83.7402, 117.4046



89.9784, 83.7402, 92.5141

Complementary

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



75.0995, 83.7402, 68.0824



63.4302, 62.2361, 91.1121

Split Complementary

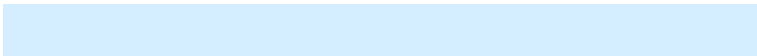
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2887, 83.7402, 107.4836



75.0995, 83.7402, 68.0824



79.1295, 83.7402, 122.7966

Square

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



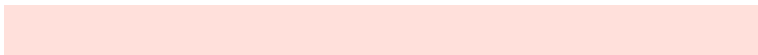
75.0995, 83.7402, 68.0824



71.0560, 83.7402, 104.9358



84.2613, 83.7402, 118.9844



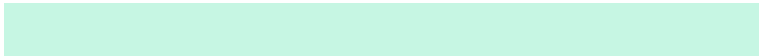
88.7868, 83.7402, 78.6801

Rectangle

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



75.0995, 83.7402, 68.0824



70.2515, 83.7402, 85.0572



84.2613, 83.7402, 118.9844



89.7270, 83.7402, 97.5873

Sweetspot

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



75.1017, 83.7439, 68.0842



92.0835, 98.7001, 98.3991



69.5466, 68.6878, 65.4709



19.6230, 21.0878, 20.7577



0.0000, 0.0000, 0.0000



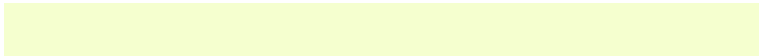
20.3446, 21.4041, 23.3091

Same Dimension

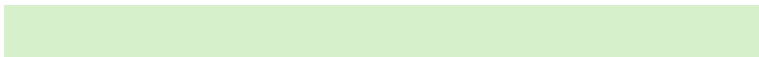
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1017, 83.7439, 68.0842



84.5523, 95.3787, 72.6970



69.3803, 80.7944, 67.8164



16.7780, 18.2812, 16.7941



28.7221, 40.1283, 6.2317



2.4700, 3.3798, 0.5222

Inverse Universe

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



63.4302, 62.2361, 91.1121



68.7964, 66.3421, 103.7871



69.0370, 65.1266, 91.3745



15.2084, 15.3891, 19.8904



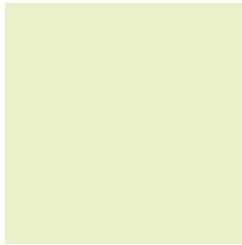
9.4341, 3.8689, 45.3774



0.8653, 0.3633, 3.7787

Previews

White Background



This preview shows how the XYZ color 75.0995, 83.7402, 68.0824 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 75.0995, 83.7402, 68.0824 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

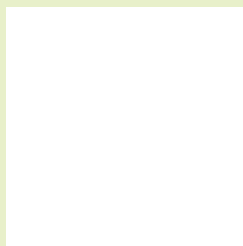
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0995, 83.7402, 68.0824

Background



This preview shows how black text looks on a background with the XYZ color 75.0995, 83.7402, 68.0824.

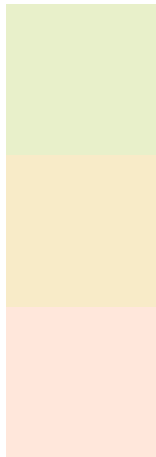


This preview shows how white text looks on a background with the XYZ color 75.0995, 83.7402, 68.0824.

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

75.0995, 83.7402, 68.0824

Protanopia

78.8451, 83.5433, 66.6135

Deuteranopia

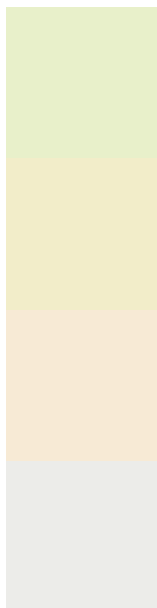
82.6021, 83.5263, 78.7864



Tritanopia

82.1481, 83.5936, 103.0723

Trichromacy



Original Color

75.0995, 83.7402, 68.0824

Protanomaly

77.4448, 83.6627, 67.3251

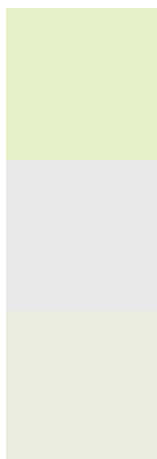
Deuteranomaly

79.7908, 83.4239, 74.8478

Tritanomaly

79.2955, 83.7070, 89.0685

Monochromacy



Original Color

75.0995, 83.7402, 68.0824

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.7845, 82.5885, 81.0014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0995, 83.7402, 68.0824 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, 240, 202)` looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 202)  
}
```

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, 240, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 202) }
```

Border

The CSS property to change the border of an element to XYZ 75.0995, 83.7402, 68.0824 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, 240, 202) }
```


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

```
.border{ border-color:rgb(232, 240, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 240, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 240, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 240, 202);  
box-shadow:4px 4px 4px 4px rgb(232, 240,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0995, 83.7402, 68.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 240, 202) }
```

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

```
.background{ background-color: rgb(232,  
240, 202) }
```

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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