

Converting Colors

XYZ(74.1469, 84.2743, 67.6365)

Have a look what the booklet for
XYZ(74.1469, 84.2743, 67.6365)
contains.

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Color

**XYZ(73.9733, 84.0522,
67.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F2C9
RGB	227, 242, 201
RGB Percent	89%, 95%, 79%
CMY	0.1098, 0.0510, 0.2118
CMYK	0.06, 0.00, 0.17, 0.05
HSL	82°, 61%, 87%
HSV	82°, 17%, 95%
XYZ	73.9733, 84.0522, 67.5832
YIQ	232.8410, 4.2210, -15.9310

Conversions

Conversions Part 2

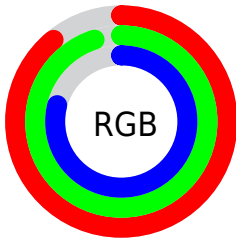
Format	Color
R_{YB}	201, 242, 216
Decimal	14938825
CIE _{Lab}	93.47, -11.95, 18.14
CIE _{LCh}	93, 21.723, 123.365
Yxy	84.0522, 0.3279, 0.3726
Android (android.graphics.Color)	4293128905 (0xFFE3F2C9)
YUV	232.8410, -15.6976, -5.1226
Hunter-Lab	91.6800, -16.4147, 20.4695

Details

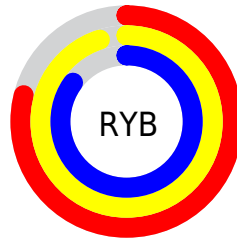
The XYZ color **73.9733, 84.0522, 67.5832** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.2359, 62.7853, 92.6894**, and the grayscale version is **77.4466, 81.4798, 88.7315**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6200, 45.8823, 34.3717** is the 20% darker color. If you saturate the color by 10%, you get **68.6267, 81.6019, 53.6250**, and if you desaturate by 10%, it is **79.9166, 86.7634, 83.9140**.

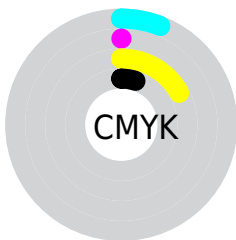
Distribution



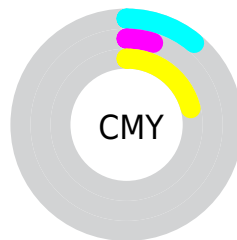
- Red (89%)
- Green (95%)
- Blue (79%)



- Red (79%)
- Yellow (95%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9733, 84.0522, 67.5832 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 73.9733, 84.0522, 67.5832 by changing the saturation by 10% instead.

73.9733, 84.0522,
67.5832

73.9733, 84.0522,
67.5832

463.4329,
508.4866, 470.5758

55.0634, 63.0585,
49.0942

123.8537,
139.0482, 117.4042

39.6865, 45.8886,
34.3280

155.5548,
173.8193, 149.5733

27.4773, 32.1579,
22.8663

192.2504,
213.9517, 187.1395

18.0705, 21.4821,
14.2905

234.3059,
259.8298, 230.5213

11.1006, 13.4769,
8.1819

282.0865,
311.8379, 280.1373

6.2023, 7.7577,
4.1221

335.9576,

3.0103, 3.9403,

370.3605, 336.4060

1.6926

396.2847,
435.7819, 399.7460

■ 1.1592, 1.6402,
0.3556

■ 0.0738, 0.3845,
0.0000

■ 73.9733, 84.0522,
67.5832

■ 73.9733, 84.0522,
67.5832

■ 68.6267, 81.6019,
53.6250

■ 79.9166, 86.7634,
83.9140

■ 63.8471, 79.3920,
41.9235

■ 86.4717, 89.7333,
102.7152

■ 59.6119, 77.4159,
32.3613

■ 90.5192, 91.7172,
107.5401

■ 55.8941, 75.6626,
24.8084

■ 91.0438, 91.9877,
107.5646

■ 52.6641, 74.1200,
19.1201

■ 49.8884, 72.7745,
15.1331

■ 47.5282, 71.6102,
12.6552

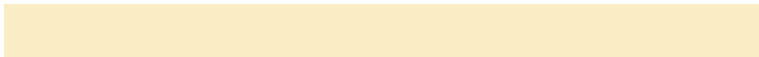
■ 45.5345, 70.6072,
11.4411

■ 44.9753, 70.3236,
11.2034

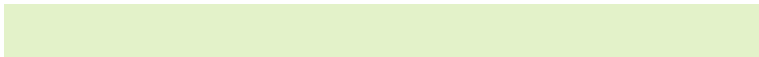
Harmonies

Analogous

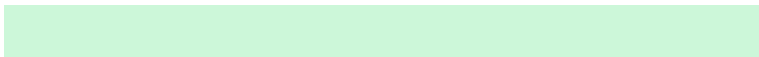
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2431, 84.0522, 63.4595



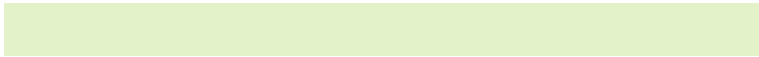
73.9733, 84.0522, 67.5832



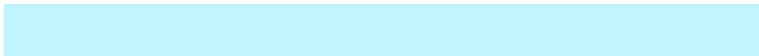
70.4268, 84.0522, 78.0711

Triad

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



73.9733, 84.0522, 67.5832



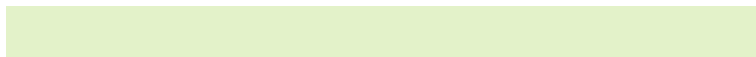
75.0442, 84.0522, 122.7699



91.4175, 84.0522, 89.6761

Complementary

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



73.9733, 84.0522, 67.5832



65.2359, 62.7853, 92.6894

Split Complementary

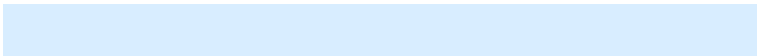
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1631, 84.0522, 106.4278



73.9733, 84.0522, 67.5832



80.5386, 84.0522, 126.8260

Square

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



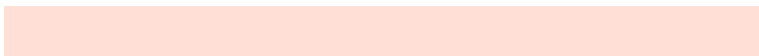
73.9733, 84.0522, 67.5832



71.0239, 84.0522, 110.0205



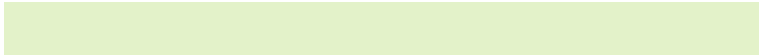
86.1122, 84.0522, 120.5274



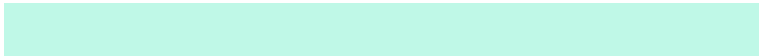
89.4628, 84.0522, 75.2167

Rectangle

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



73.9733, 84.0522, 67.5832



69.4231, 84.0522, 87.9160



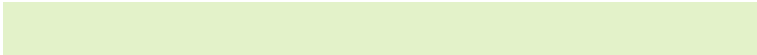
86.1122, 84.0522, 120.5274



91.3574, 84.0522, 95.2182

Sweetspot

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



73.9755, 84.0559, 67.5850



91.3689, 98.3317, 98.3657



71.5533, 71.8764, 65.3618



19.4490, 20.9981, 20.7496



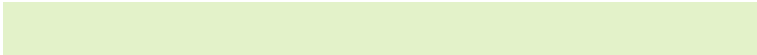
0.0000, 0.0000, 0.0000



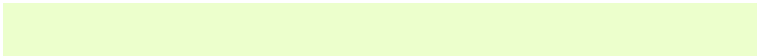
20.3446, 21.4041, 23.3091

Same Dimension

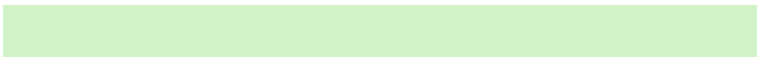
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9755, 84.0559, 67.5850



81.3632, 93.7703, 70.9379



68.0714, 81.0122, 67.3087



16.5295, 18.1531, 16.7824



24.3151, 37.8565, 6.0255



2.1317, 3.2054, 0.5064

Inverse Universe

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



65.2359, 62.7853, 92.6894



69.9705, 66.0402, 103.6669



71.4590, 65.9934, 92.9806



15.4434, 15.5103, 19.9014



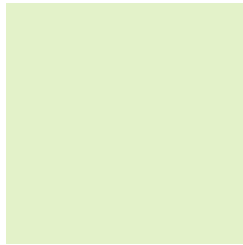
10.9374, 4.6438, 45.4478



1.0156, 0.4408, 3.7858

Previews

White Background



This preview shows how the XYZ color 73.9733, 84.0522, 67.5832 looks on a white background.

Color Contrast Check

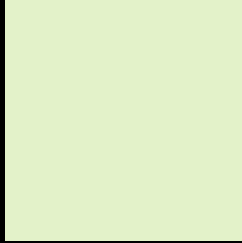
Large Text (above 18pt) WCAG AA × Fail

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 73.9733, 84.0522, 67.5832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

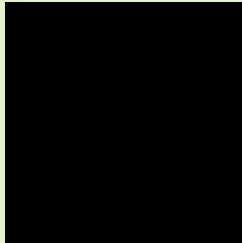
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

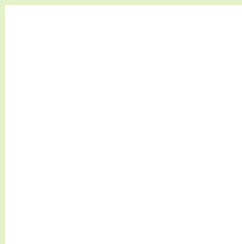
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9733, 84.0522, 67.5832

Background



This preview shows how black text looks on a background with the XYZ color 73.9733, 84.0522, 67.5832.

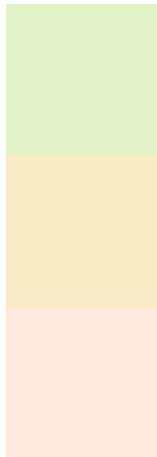


This preview shows how white text looks on a background with the XYZ color 73.9733, 84.0522,

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



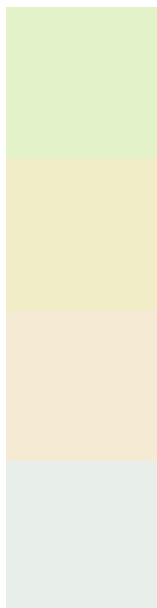
Original Color
73.9733, 84.0522, 67.5832
Protanopia
78.9683, 83.6336, 65.4069
Deuteranopia
82.7342, 83.5791, 79.4820



Tritanopia

81.6989, 84.1707, 104.8691

Trichromacy



Original Color

73.9733, 84.0522, 67.5832

Protanomaly

77.1590, 83.9734, 66.1746

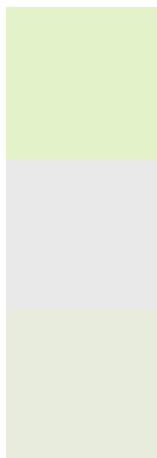
Deuteranomaly

79.3748, 83.6332, 74.9101

Tritanomaly

78.7045, 84.2454, 89.9547

Monochromacy



Original Color

73.9733, 84.0522, 67.5832

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.0016, 82.2003, 80.2671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9733, 84.0522, 67.5832 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(227, 242, 201)` looks like.

```
.text, #text, p{  
    color:rgb(227, 242, 201)  
}
```

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(227, 242, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 242, 201) }
```

Border

The CSS property to change the border of an element to XYZ 73.9733, 84.0522, 67.5832 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(227, 242, 201) }
```


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

```
.border{ border-color:rgb(227, 242, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 242, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 242, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 242, 201);  
box-shadow:4px 4px 4px 4px rgb(227, 242,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9733, 84.0522, 67.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 242, 201) }
```

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

```
.background{ background-color: rgb(227,  
242, 201) }
```

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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