

Converting Colors

XYZ(74.0493, 85.1522, 65.8547)

Have a look what the booklet for
XYZ(74.0493, 85.1522, 65.8547)
contains.

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Color

**XYZ(73.9078, 84.9473,
65.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F4C6
RGB	226, 244, 198
RGB Percent	89%, 96%, 78%
CMY	0.1137, 0.0431, 0.2235
CMYK	0.07, 0.00, 0.19, 0.04
HSL	83°, 68%, 87%
HSV	83°, 19%, 96%
XYZ	73.9078, 84.9473, 65.9272
YIQ	233.3740, 4.0380, -18.1220

Conversions

Conversions Part 2

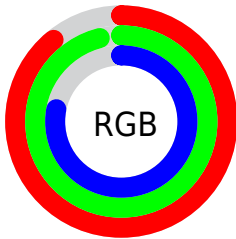
Format	Color
RYB	198, 244, 216
Decimal	14873798
CIELab	93.86, -13.75, 20.22
CIELCh	94, 24.450, 124.227
Yxy	84.9473, 0.3288, 0.3779
Android (android.graphics.Color)	4293063878 (0xFFE2F4C6)
YUV	233.3740, -17.4394, -6.4670
Hunter-Lab	92.1669, -18.1544, 22.1065

Details

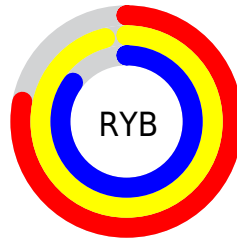
The XYZ color **73.9078, 84.9473, 65.9272** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.8454, 61.5210, 94.0495**, and the grayscale version is **77.8611, 81.9159, 89.2064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5948, 46.5261, 33.2791** is the 20% darker color. If you saturate the color by 10%, you get **68.4060, 82.4130, 52.1429**, and if you desaturate by 10%, it is **80.0344, 87.7564, 82.1109**.

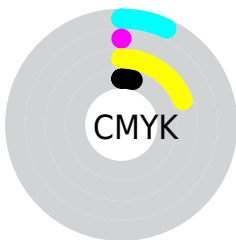
Distribution



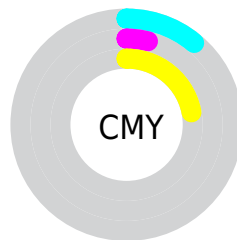
- Red (89%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9078, 84.9473, 65.9272 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 73.9078, 84.9473, 65.9272 by changing the saturation by 10% instead.


 73.9078, 84.9473,
65.9272

 73.9078, 84.9473,
65.9272


463.2103,
511.4537, 464.5136

 55.0096, 63.7978,
47.7572


123.7613,
140.2995, 115.0078

 39.6433, 46.4870,
33.2760


155.4473,
175.2711, 146.7556

 27.4435, 32.6303,
22.0651


192.1266,
215.6188, 183.8663

 18.0449, 21.8434,
13.7060

234.1646,
261.7271, 226.7585

 11.0821, 13.7418,
7.7801

281.9266,
313.9804, 275.8508

 6.1898, 7.9413,
3.8688


335.7780,

 3.0026, 4.0574,


372.7629, 331.5618


1.5536


396.0841,
438.4592, 394.3098


 1.1551, 1.7057,
0.2574


 0.0705, 0.4274,
0.0000


 73.9078, 84.9473,
65.9272


 73.9078, 84.9473,
65.9272


 68.4060, 82.4130,
52.1429


 80.0344, 87.7564,
82.1109


 63.4979, 80.1324,
40.6383

 86.8018, 90.8386,
100.7952

 59.1596, 78.0982,
31.2917

 91.5138, 93.1185,
107.7581

 55.3624, 76.2989,
23.9676

 91.6424, 93.1848,
107.7641

■ 52.0750, 74.7215,
18.5154

■ 49.2618, 73.3513,
14.7635

■ 46.8810, 72.1714,
12.5086

■ 44.8726, 71.1574,
11.4501

■ 44.6574, 71.0482,
11.3600

Harmonies

Analogous

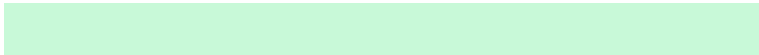
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8216, 84.9473, 61.1745



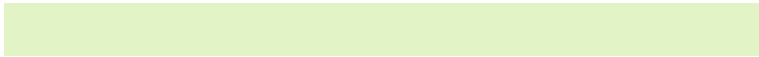
73.9078, 84.9473, 65.9272



69.9932, 84.9473, 77.7773

Triad

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



73.9078, 84.9473, 65.9272



75.4232, 84.9473, 128.6415



93.8653, 84.9473, 89.8784

Complementary

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



73.9078, 84.9473, 65.9272



64.8454, 61.5210, 94.0495

Split Complementary

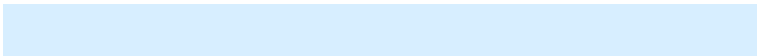
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5338, 84.9473, 108.9572



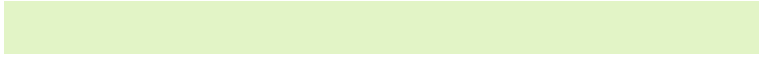
73.9078, 84.9473, 65.9272



81.6651, 84.9473, 133.0081

Square

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



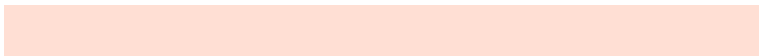
73.9078, 84.9473, 65.9272



70.8346, 84.9473, 114.1371



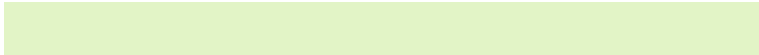
87.9805, 84.9473, 125.3803



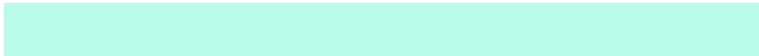
91.5280, 84.9473, 73.7745

Rectangle

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



73.9078, 84.9473, 65.9272



68.9253, 84.9473, 88.9368



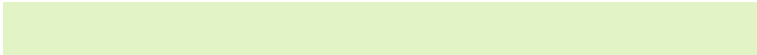
87.9805, 84.9473, 125.3803



93.8328, 84.9473, 96.1431

Sweetspot

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



73.9100, 84.9510, 65.9290



90.5148, 97.9354, 96.3374



71.9664, 72.2372, 63.5775



19.2716, 20.9156, 20.3406



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

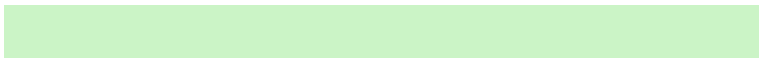
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9100, 84.9510, 65.9290



79.0574, 92.6850, 66.1569



67.2749, 81.5305, 65.6185



17.2502, 18.9711, 17.5502



24.4388, 38.7114, 6.1840



2.2630, 3.4617, 0.5489

Inverse Universe

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



64.8454, 61.5210, 94.0495



67.1739, 61.9652, 103.0278



71.9992, 65.2090, 94.3843



16.1946, 16.2430, 20.8242



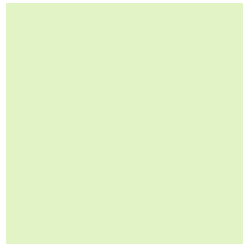
11.6155, 4.9623, 46.8836



1.1327, 0.4938, 4.1258

Previews

White Background



This preview shows how the XYZ color 73.9078, 84.9473, 65.9272 looks on a white background.

Color Contrast Check

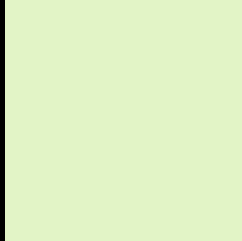
Large Text (above 18pt) WCAG AA × Fail

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 73.9078, 84.9473, 65.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

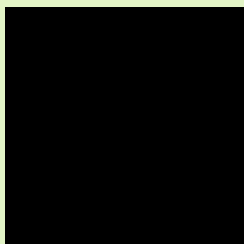
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

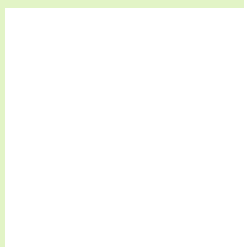
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9078, 84.9473, 65.9272

Background



This preview shows how black text looks on a background with the XYZ color 73.9078, 84.9473, 65.9272.



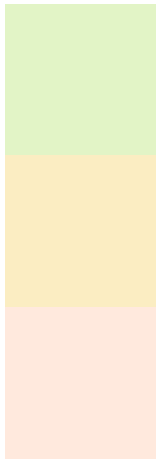
This preview shows how white text looks on a background with the XYZ color 73.9078, 84.9473,

65.9272.

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

73.9078, 84.9473, 65.9272

Protanopia

79.8055, 84.9726, 63.2341

Deuteranopia

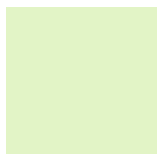
83.4301, 84.7583, 80.3694



Tritanopia

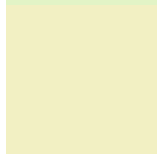
81.9771, 84.7033, 106.6365

Trichromacy



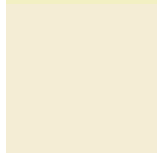
Original Color

73.9078, 84.9473, 65.9272



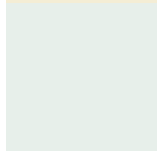
Protanomaly

77.6284, 85.1376, 63.9715



Deuteranomaly

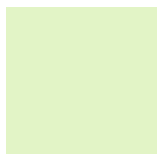
79.6027, 84.6056, 75.0858



Tritanomaly

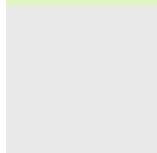
78.6728, 84.6624, 90.0369

Monochromacy



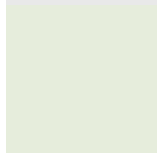
Original Color

73.9078, 84.9473, 65.9272



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.8356, 82.5587, 79.6486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9078, 84.9473, 65.9272 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(226, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(226, 244, 198)  
}
```

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(226, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 244, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.9078, 84.9473, 65.9272 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(226, 244, 198) }
```


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

```
.border{ border-color:rgb(226, 244, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 244, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(226, 244,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9078, 84.9473, 65.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 244, 198) }
```

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

```
.background{ background-color: rgb(226,  
244, 198) }
```

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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