

Converting Colors

XYZ(75.0005, 85.6103, 89.1618)

Have a look what the booklet for
XYZ(75.0005, 85.6103, 89.1618)
contains.

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Color

**XYZ(74.9495, 85.4272,
88.8828)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F5E8
RGB	214, 245, 232
RGB Percent	84%, 96%, 91%
CMY	0.1608, 0.0392, 0.0902
CMYK	0.13, 0.00, 0.05, 0.04
HSL	155°, 61%, 90%
HSV	155°, 13%, 96%
XYZ	74.9495, 85.4272, 88.8828
YIQ	234.2490, -14.3030, -10.6150

Conversions

Conversions Part 2

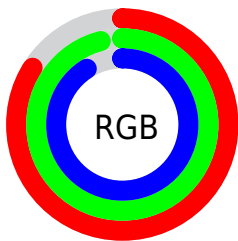
Format	Color
R _Y B	214, 234, 245
Decimal	14087656
CIE Lab	94.07, -12.49, 2.85
CIE LCh	94, 12.814, 167.134
Yxy	85.4272, 0.3007, 0.3427
Android (android.graphics.Color)	4292277736 (0xFFD6F5E8)
YUV	234.2490, -1.1088, -17.7584
Hunter-Lab	92.4268, -17.0002, 7.6822

Details

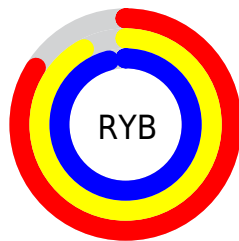
The XYZ color **74.9495, 85.4272, 88.8828** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.5710, 73.0539, 82.7948**, and the grayscale version is **78.4133, 82.4969, 89.8391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3321, 46.9007, 48.0013** is the 20% darker color. If you saturate the color by 10%, you get **66.9130, 81.4503, 81.1095**, and if you desaturate by 10%, it is **84.1517, 89.9998, 97.1598**.

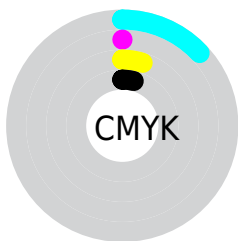
Distribution



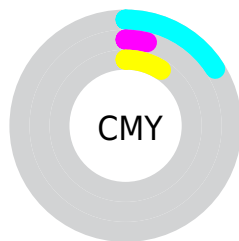
- Red (84%)
- Green (96%)
- Blue (91%)



- Red (84%)
- Yellow (92%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9495, 85.4272, 88.8828 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 74.9495, 85.4272, 88.8828 by changing the saturation by 10% instead.

 74.9495, 85.4272,
88.8828

 74.9495, 85.4272,
88.8828


466.7438,
513.0406, 544.8659

 55.8655, 64.1944,
66.4859


125.2292,
140.9699, 147.7075

 40.3317, 46.8082,
48.2080


157.1556,
176.0486, 184.9724

 27.9826, 32.8840,
33.6305


194.0935,
216.5114, 228.0304

 18.4530, 22.0376,
22.3348

236.4084,
262.7427, 277.3001

 11.3773, 13.8845,
13.9025

284.4655,
315.1268, 333.1999

 6.3904, 8.0404,
7.9149

338.6302,

 3.1268, 4.1208,

374.0483, 396.1485

3.9535

399.2679,
439.8914, 466.5643

■ 1.2212, 1.7414,
1.5999

■ 0.1230, 0.4502,
0.2907

■ 74.9495, 85.4272,
88.8828

■ 74.9495, 85.4272,
88.8828

■ 66.9130, 81.4503,
81.1095

■ 84.1517, 89.9998,
97.1598

■ 59.9856, 78.0332,
73.8243

■ 91.5527, 93.6315,
105.8038

■ 54.1168, 75.1523,
67.0190

■ 91.9440, 93.7881,
107.8647

■ 49.2492, 72.7781,
60.6830

■ 45.3195, 70.8783,
54.8050

■ 42.2571, 69.4167,
49.3733

■ 39.9806, 68.3514,
44.3754

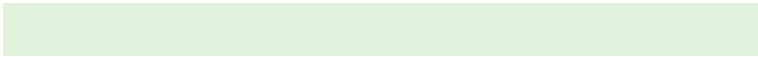
■ 38.3918, 67.6320,
39.7977

■ 37.5549, 67.2684,
36.6923

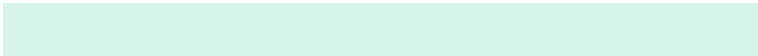
Harmonies

Analogous

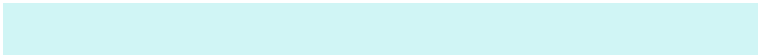
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4687, 85.4272, 80.7775



74.9495, 85.4272, 88.8828



75.0698, 85.4272, 98.6778

Triad

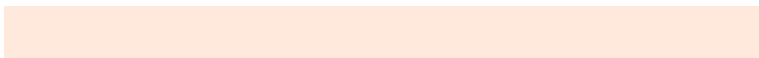
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9495, 85.4272, 88.8828



83.1497, 85.4272, 112.2083



85.7544, 85.4272, 79.8778

Complementary

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



74.9495, 85.4272, 88.8828



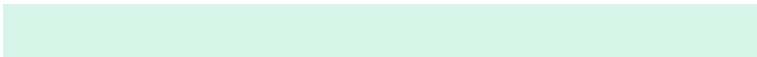
75.5710, 73.0539, 82.7948

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.



87.6468, 85.4272, 87.5745



74.9495, 85.4272, 88.8828



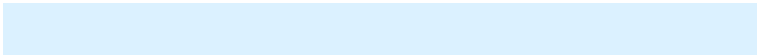
86.1142, 85.4272, 106.4315

Square

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



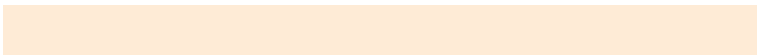
74.9495, 85.4272, 88.8828



79.7398, 85.4272, 112.6203



87.7802, 85.4272, 97.2748



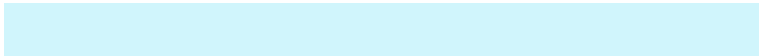
82.6698, 85.4272, 75.8294

Rectangle

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



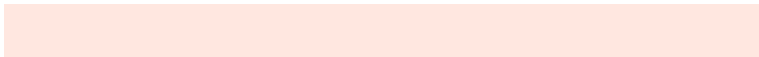
74.9495, 85.4272, 88.8828



76.0631, 85.4272, 104.8601



87.7802, 85.4272, 97.2748



86.5548, 85.4272, 82.0986

Sweetspot

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



74.9519, 85.4308, 88.8847



90.7152, 97.8440, 105.1417



76.6084, 86.5652, 76.2907



19.2474, 20.8584, 22.3555



0.0000, 0.0000, 0.0000



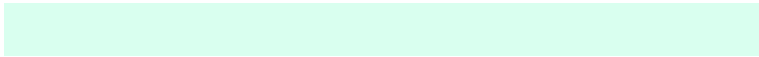
20.3446, 21.4041, 23.3091

Same Dimension

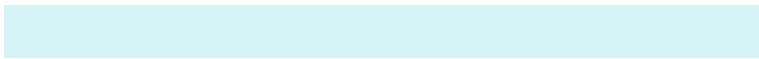
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9519, 85.4308, 88.8847



79.8747, 92.4629, 95.2654



76.2466, 84.9537, 98.7696



16.6857, 18.6334, 19.6290



20.3013, 36.2653, 20.1381



1.8355, 3.2079, 2.0397

Inverse Universe

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



75.5710, 73.0539, 82.7948



80.6669, 76.6283, 87.4749



74.3694, 73.4156, 73.8706



16.7875, 16.5978, 18.6273



21.6640, 11.0090, 8.2051



1.9541, 0.9876, 0.9848

Previews

White Background



This preview shows how the XYZ color 74.9495, 85.4272, 88.8828 looks on a white background.

Color Contrast Check

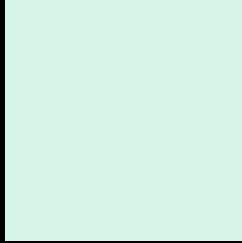
Large Text (above 18pt) WCAG AA × Fail

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 74.9495, 85.4272, 88.8828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

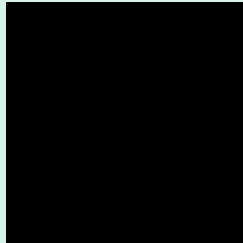
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

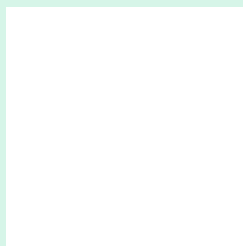
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9495, 85.4272, 88.8828

Background



This preview shows how black text looks on a background with the XYZ color 74.9495, 85.4272, 88.8828.



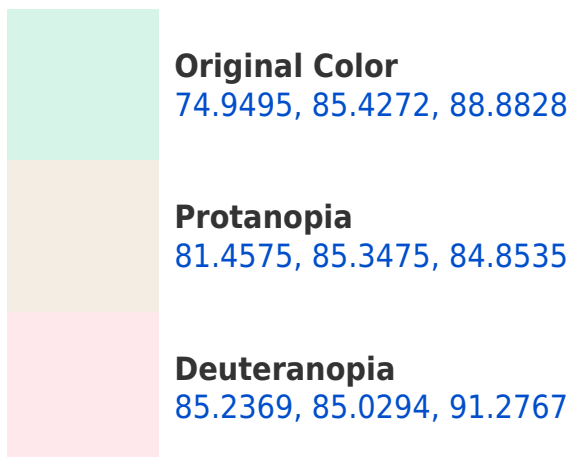
This preview shows how white text looks on a background with the XYZ color 74.9495, 85.4272,

88.8828.

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

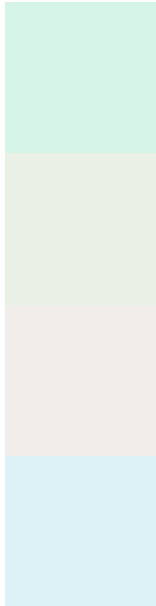




Tritanopia

79.6415, 85.2282, 106.8609

Trichromacy



Original Color

74.9495, 85.4272, 88.8828

Protanomaly

78.9072, 85.3010, 86.4346

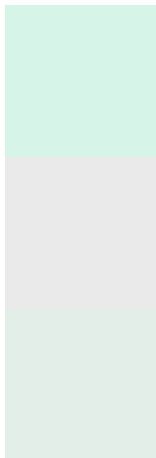
Deuteranomaly

81.2148, 85.0918, 90.7411

Tritanomaly

78.0558, 85.4353, 100.3724

Monochromacy



Original Color

74.9495, 85.4272, 88.8828

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.9611, 83.3632, 89.1252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9495, 85.4272, 88.8828 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(214, 245, 232) looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 232)  
}
```

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(214, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.9495, 85.4272, 88.8828 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(214, 245, 232) }
```


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

```
.border{ border-color:rgb(214, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9495, 85.4272, 88.8828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 232) }
```

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

```
.background{ background-color: rgb(214,  
245, 232) }
```

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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