

Converting Colors

XYZ(75.0734, 84.9160, 85.4402)

Have a look what the booklet for
XYZ(75.0734, 84.9160, 85.4402)
contains.

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Color

**XYZ(75.1293, 85.1528,
85.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF4E3
RGB	218, 244, 227
RGB Percent	85%, 96%, 89%
CMY	0.1451, 0.0431, 0.1098
CMYK	0.11, 0.00, 0.07, 0.04
HSL	141°, 54%, 91%
HSV	141°, 11%, 96%
XYZ	75.1293, 85.1528, 85.1495
YIQ	234.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

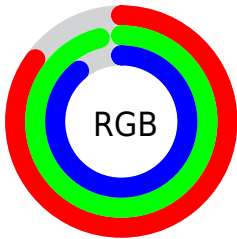
Format	Color
R _Y B	218, 237, 244
Decimal	14349539
CIE Lab	93.95, -11.61, 5.30
CIE LCh	94, 12.768, 155.453
Yxy	85.1528, 0.3061, 0.3470
Android (android.graphics.Color)	4292539619 (0xFFDAF4E3)
YUV	234.2880, -3.5930, -14.2846
Hunter-Lab	92.2783, -16.1594, 9.8851

Details

The XYZ color **75.1293, 85.1528, 85.1495** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3781, 75.3763, 89.0721**, and the grayscale version is **78.4587, 82.5447, 89.8911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5339, 46.7315, 45.9134** is the 20% darker color. If you saturate the color by 10%, you get **66.2619, 80.8267, 73.7674**, and if you desaturate by 10%, it is **85.2797, 90.1216, 97.6606**.

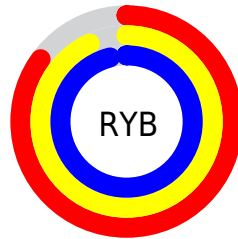
Distribution



Red (85%)

Green (96%)

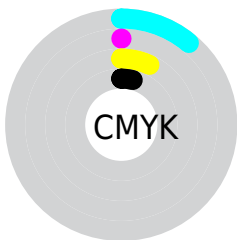
Blue (89%)



Red (85%)

Yellow (93%)

Blue (96%)

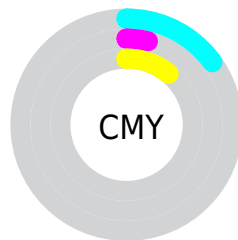


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (4%)



Cyan (15%)


Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1293, 85.1528, 85.1495 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 75.1293, 85.1528, 85.1495 by changing the saturation by 10% instead.


 75.1293, 85.1528,
85.1495

 75.1293, 85.1528,
85.1495


467.3522,
512.1335, 532.2801

 56.0134, 63.9676,
63.4141

125.4823,
140.5866, 142.4580

 40.4507, 46.6245,
45.7331


157.4501,
175.6041, 178.8682

 28.0759, 32.7389,
31.6881


194.4325,
216.0011, 221.0071

 18.5236, 21.9265,
20.8605

236.7950,
262.1621, 269.2931

 11.4285, 13.8029,
12.8319

284.9029,
314.4715, 324.1449

 6.4253, 7.9837,
7.1835

339.1214,

 3.1484, 4.0845,

373.3136, 385.9810

3.4969

399.8161,
439.0728, 455.2199

■ 1.2327, 1.7210,
1.3536

■ 0.1320, 0.4372,
0.1052

■ 75.1293, 85.1528,
85.1495

■ 75.1293, 85.1528,
85.1495

■ 66.2619, 80.8267,
73.7674

■ 85.2797, 90.1216,
97.6606

■ 58.6182, 77.1060,
63.4773

■ 91.6423, 93.1845,
107.7641

■ 52.1446, 73.9663,
54.2486

■ 46.7806, 71.3771,
46.0468

■ 42.4602, 69.3050,
38.8359

■ 39.1100, 67.7129,
32.5774

■ 36.6464, 66.5587,
27.2304

■ 34.9704, 65.7921,
22.7507

■ 33.9703, 65.3517,
19.3044

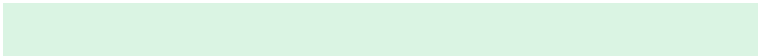
Harmonies

Analogous

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



77.1997, 85.1528, 78.2776



75.1293, 85.1528, 85.1495



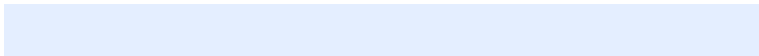
74.5961, 85.1528, 94.5088

Triad

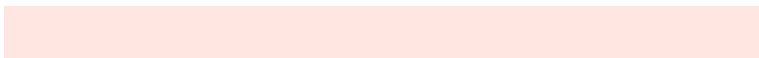
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1293, 85.1528, 85.1495



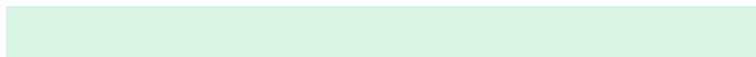
81.5585, 85.1528, 112.6457



86.3818, 85.1528, 82.2689

Complementary

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



75.1293, 85.1528, 85.1495



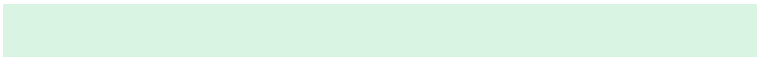
77.3781, 75.3763, 89.0721

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.



87.6235, 85.1528, 90.9478



75.1293, 85.1528, 85.1495



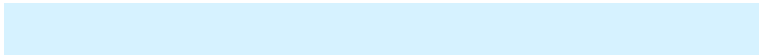
84.7893, 85.1528, 108.8309

Square

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



75.1293, 85.1528, 85.1495



78.2478, 85.1528, 110.8242



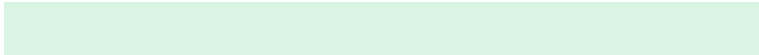
87.0327, 85.1528, 100.7199



83.6834, 85.1528, 76.6979

Rectangle

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



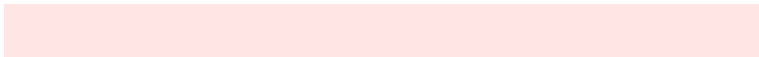
75.1293, 85.1528, 85.1495



75.1709, 85.1528, 101.0041



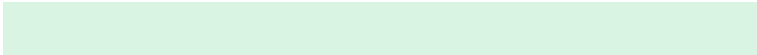
87.0327, 85.1528, 100.7199



86.9868, 85.1528, 84.8959

Sweetspot

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



75.1317, 85.1564, 85.1514



91.4963, 98.2598, 104.5843



79.3799, 87.4863, 79.0338



19.3855, 20.9345, 22.1426



0.0000, 0.0000, 0.0000



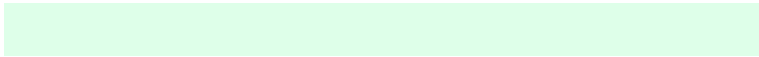
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1317, 85.1564, 85.1514



80.5925, 92.9276, 91.0224



76.9457, 85.8820, 94.7038



16.5190, 18.5667, 18.7512



18.5282, 35.5561, 10.8011



1.6750, 3.1436, 1.1944

Inverse Universe

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



77.3781, 75.3763, 89.0721



83.5788, 79.9258, 96.2337



75.6118, 74.6698, 79.7710



16.9558, 16.6652, 19.5136



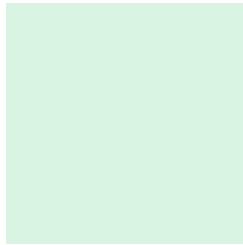
23.7818, 11.8562, 19.3572



2.1385, 1.0614, 1.9557

Previews

White Background



This preview shows how the XYZ color 75.1293, 85.1528, 85.1495 looks on a white background.

Color Contrast Check

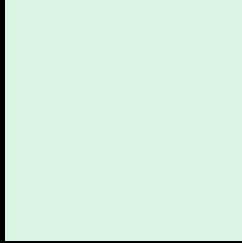
Large Text (above 18pt) WCAG AA × Fail

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 75.1293, 85.1528, 85.1495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

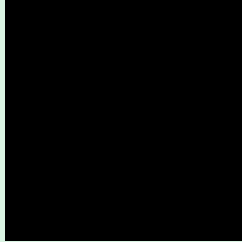
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

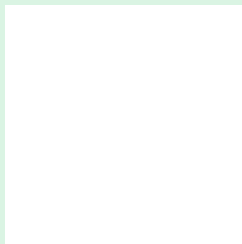
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1293, 85.1528, 85.1495

Background



This preview shows how black text looks on a background with the XYZ color 75.1293, 85.1528, 85.1495.



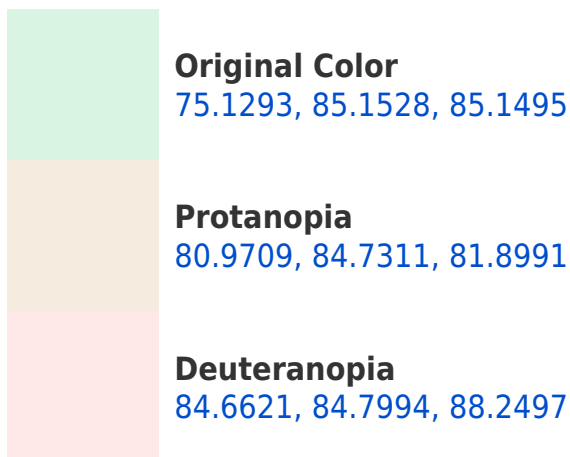
This preview shows how white text looks on a background with the XYZ color 75.1293, 85.1528,

85.1495.

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

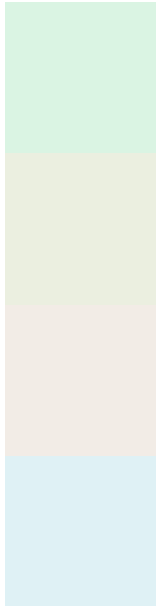




Tritanopia

80.2805, 85.1218, 106.8066

Trichromacy



Original Color

75.1293, 85.1528, 85.1495

Protanomaly

78.5820, 84.7770, 82.7429

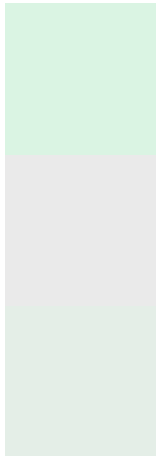
Deuteranomaly

80.8963, 84.5813, 86.9250

Tritanomaly

78.3682, 85.1911, 98.6993

Monochromacy



Original Color

75.1293, 85.1528, 85.1495

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.9932, 83.4126, 87.6436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1293, 85.1528, 85.1495 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(218, 244, 227) looks like.

```
.text, #text, p{  
    color:rgb(218, 244, 227)  
}
```

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(218, 244, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 244, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.1293, 85.1528, 85.1495 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(218, 244, 227) }
```


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

```
.border{ border-color:rgb(218, 244, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 244, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 244, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 244, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 244,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1293, 85.1528, 85.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 244, 227) }
```

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

```
.background{ background-color: rgb(218,  
244, 227) }
```

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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