

Converting Colors

XYZ(75.4411, 83.1347, 85.8231)

Have a look what the booklet for
XYZ(75.4411, 83.1347, 85.8231)
contains.

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Color

**XYZ(75.3015, 83.0224,
85.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEFE4
RGB	223, 239, 228
RGB Percent	87%, 94%, 89%
CMY	0.1255, 0.0627, 0.1059
CMYK	0.07, 0.00, 0.05, 0.06
HSL	139°, 33%, 91%
HSV	139°, 7%, 94%
XYZ	75.3015, 83.0224, 85.4549
YIQ	232.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

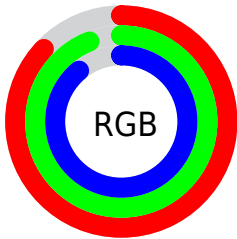
Format	Color
R _Y B	223, 235, 239
Decimal	14675940
CIE Lab	93.02, -7.28, 3.49
CIE LCh	93, 8.070, 154.374
Yxy	83.0224, 0.3089, 0.3406
Android (android.graphics.Color)	4292866020 (0xFFDFEFE4)
YUV	232.9620, -2.4463, -8.7367
Hunter-Lab	91.1166, -11.9364, 8.1758

Details

The XYZ color **75.3015, 83.0224, 85.4549** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8386, 77.0687, 88.6718**, and the grayscale version is **77.4465, 81.4798, 88.7315**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6248, 45.2089, 46.1202** is the 20% darker color. If you saturate the color by 10%, you get **66.2774, 78.6238, 73.6851**, and if you desaturate by 10%, it is **85.5866, 88.0507, 98.4192**.

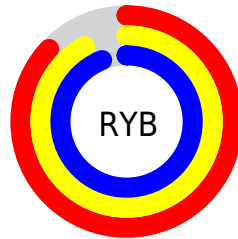
Distribution



Red (87%)

Green (94%)

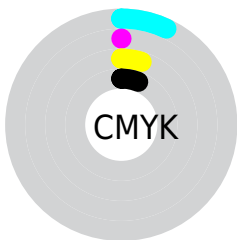
Blue (89%)



Red (87%)

Yellow (92%)

Blue (94%)

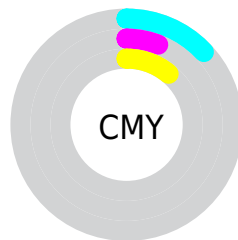


Cyan (7%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (13%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3015, 83.0224, 85.4549 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 75.3015, 83.0224, 85.4549 by changing the saturation by 10% instead.

75.3015, 83.0224,
85.4549

75.3015, 83.0224,
85.4549

467.9344,
505.0612, 533.3159

56.1550, 62.2086,
63.6650

125.7247,
137.6068, 142.8884

40.5647, 45.2013,
45.9350

157.7320,
172.1463, 179.3690

28.1653, 31.6160,
31.8462

194.7571,
212.0298, 221.5837

18.5914, 21.0684,
20.9802

237.1651,
257.6416, 269.9509

11.4776, 13.1740,
12.9184

285.3215,
309.3663, 324.8892

6.4587, 7.5485,
7.2423

339.5916,

3.1692, 3.8074,

367.5882, 386.8171

3.5334

400.3408,
432.6917, 456.1531

■ 1.2439, 1.5664,
1.3730

■ 0.1406, 0.3348,
0.1205

■ 75.3015, 83.0224,
85.4549

■ 75.3015, 83.0224,
85.4549

■ 66.2774, 78.6238,
73.6851

■ 85.5866, 88.0507,
98.4192

■ 58.4580, 74.8196,
63.0706

■ 90.1581, 90.2162,
107.2694

■ 51.7929, 71.5869,
53.5780

■ 46.2256, 68.8972,
45.1701

■ 41.6946, 66.7196,
37.8079

■ 38.1318, 65.0199,
31.4499

■ 35.4611, 63.7598,
26.0517

■ 33.5936, 62.8945,
21.5656

■ 32.4187, 62.3679,
17.9390

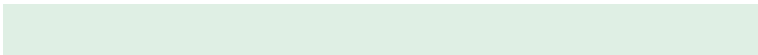
Harmonies

Analogous

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



76.6374, 83.0224, 81.1245



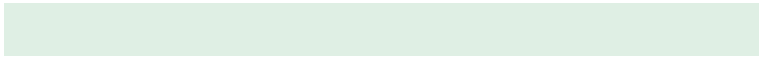
75.3015, 83.0224, 85.4549



74.9260, 83.0224, 91.2880

Triad

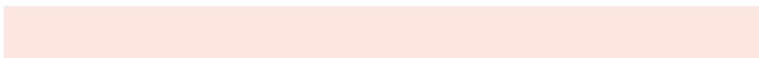
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3015, 83.0224, 85.4549



79.2207, 83.0224, 102.5096



82.3133, 83.0224, 83.9823

Complementary

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



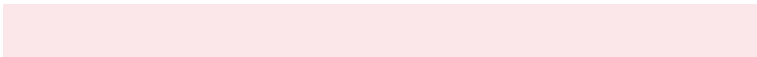
75.3015, 83.0224, 85.4549



76.8386, 77.0687, 88.6718

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.



83.0334, 83.0224, 89.5124



75.3015, 83.0224, 85.4549



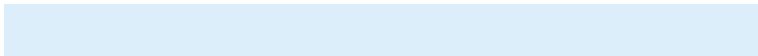
81.2277, 83.0224, 100.3510

Square

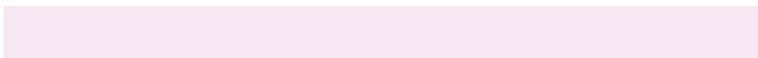
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



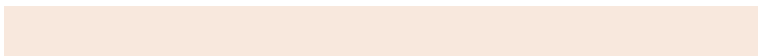
75.3015, 83.0224, 85.4549



77.1651, 83.0224, 101.3058



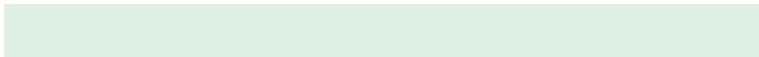
82.6326, 83.0224, 95.5266



80.6816, 83.0224, 80.3013

Rectangle

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



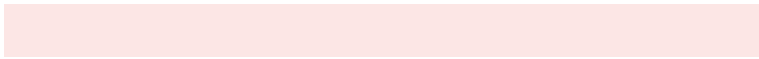
75.3015, 83.0224, 85.4549



75.2651, 83.0224, 95.2875



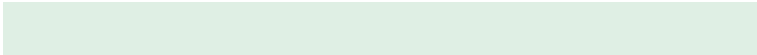
82.6326, 83.0224, 95.5266



82.6713, 83.0224, 85.6773

Sweetspot

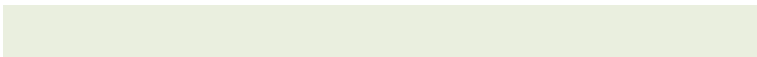
The Sweet Spot groups the original color and five complimentary colors.



75.3038, 83.0259, 85.4567



92.6390, 98.8217, 105.8670



78.1864, 84.5910, 82.0200



19.8538, 21.1643, 22.6918



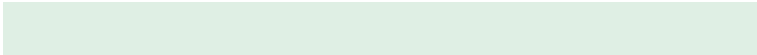
0.0000, 0.0000, 0.0000



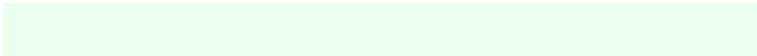
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3038, 83.0259, 85.4567



85.7623, 95.4635, 97.1046



76.4119, 83.4692, 91.2920



15.7693, 17.7377, 17.8081



17.8051, 34.4141, 9.6227



1.5244, 2.8802, 1.0278

Inverse Universe

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



76.8386, 77.0687, 88.6718



87.8746, 87.2641, 101.5294



75.7418, 76.6299, 82.8962



16.2318, 15.9424, 18.7769



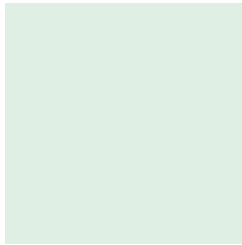
23.4527, 11.6535, 20.8321



1.9956, 0.9873, 1.9679

Previews

White Background



This preview shows how the XYZ color 75.3015, 83.0224, 85.4549 looks on a white background.

Color Contrast Check

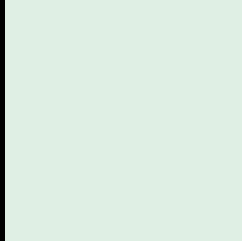
Large Text (above 18pt) WCAG AA × Fail

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 75.3015, 83.0224, 85.4549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

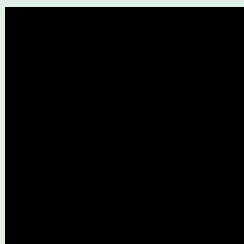
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

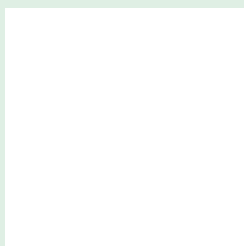
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3015, 83.0224, 85.4549

Background



This preview shows how black text looks on a background with the XYZ color 75.3015, 83.0224, 85.4549.



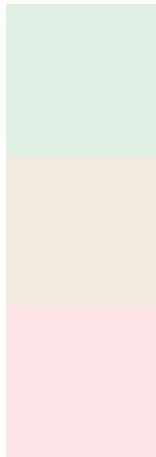
This preview shows how white text looks on a background with the XYZ color 75.3015, 83.0224,

85.4549.

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

75.3015, 83.0224, 85.4549

Protanopia

79.2891, 82.9827, 83.0724

Deuteranopia

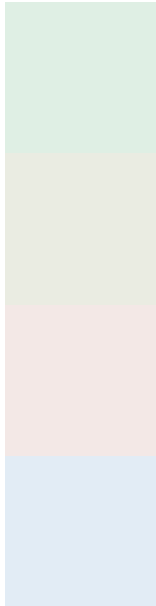
83.4072, 82.5163, 87.1325



Tritanopia

79.2763, 82.9033, 105.5896

Trichromacy



Original Color

75.3015, 83.0224, 85.4549

Protanomaly

77.6546, 82.9743, 83.8743

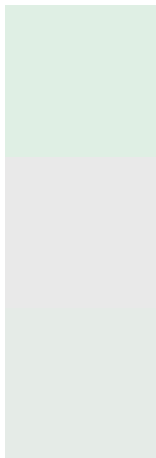
Deuteranomaly

80.1017, 82.4811, 86.5615

Tritanomaly

77.8409, 82.7522, 98.2563

Monochromacy



Original Color

75.3015, 83.0224, 85.4549

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.4452, 81.8442, 87.3697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3015, 83.0224, 85.4549 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(223, 239, 228) looks like.

```
.text, #text, p{  
    color:rgb(223, 239, 228)  
}
```

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(223, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 239, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.3015, 83.0224, 85.4549 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(223, 239, 228) }
```


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

```
.border{ border-color:rgb(223, 239, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 239, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 239, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 239, 228);  
box-shadow:4px 4px 4px 4px rgb(223, 239,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3015, 83.0224, 85.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 239, 228) }
```

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

```
.background{ background-color: rgb(223,  
239, 228) }
```

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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