

Converting Colors

XYZ(76.0057, 84.9825, 89.7427)

Have a look what the booklet for
XYZ(76.0057, 84.9825, 89.7427)
contains.

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Color

**XYZ(75.9720, 85.0444,
89.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF3E9
RGB	219, 243, 233
RGB Percent	86%, 95%, 91%
CMY	0.1412, 0.0470, 0.0863
CMYK	0.10, 0.00, 0.04, 0.05
HSL	155°, 50%, 91%
HSV	155°, 10%, 95%
XYZ	75.9720, 85.0444, 89.5019
YIQ	234.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

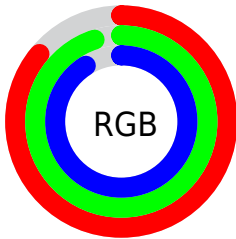
Format	Color
R _Y B	219, 234, 243
Decimal	14414825
CIE Lab	93.90, -9.69, 2.14
CIE LCh	94, 9.924, 167.568
Yxy	85.0444, 0.3033, 0.3395
Android (android.graphics.Color)	4292604905 (0xFFDBF3E9)
YUV	234.6840, -0.8302, -13.7549
Hunter-Lab	92.2195, -14.3328, 7.0109

Details

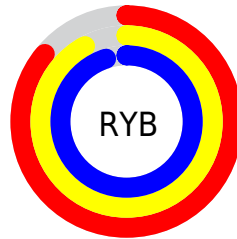
The XYZ color **75.9720, 85.0444, 89.5019** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4396, 75.3771, 84.6531**, and the grayscale version is **78.7395, 82.8401, 90.2129**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0160, 46.6075, 48.4293** is the 20% darker color. If you saturate the color by 10%, you get **67.7831, 80.9876, 81.7830**, and if you desaturate by 10%, it is **85.3160, 89.6917, 97.7119**.

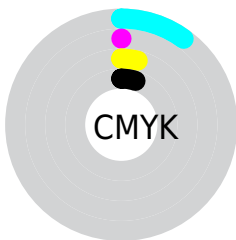
Distribution



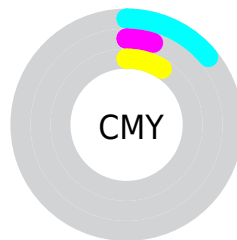
- Red (86%)
- Green (95%)
- Blue (91%)



- Red (86%)
- Yellow (92%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9720, 85.0444, 89.5019 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 75.9720, 85.0444, 89.5019 by changing the saturation by 10% instead.

75.9720, 85.0444,
89.5019

75.9720, 85.0444,
89.5019

470.1977,
511.7750, 546.9375

56.7065, 63.8781,
66.9962

126.6679,
140.4352, 148.5758

41.0089, 46.5519,
48.6200

158.8290,
175.4285, 185.9811

28.5137, 32.6816,
33.9546

196.0194,
215.7995, 229.1900

18.8557, 21.8826,
22.5817

238.6044,
261.9327, 278.6210

11.6694, 13.7707,
14.0825

286.9494,
314.2124, 334.6927

6.5896, 7.9613,
8.0387

341.4197,

3.2508, 4.0702,

373.0231, 397.8237

4.0316

402.3807,
438.7492, 468.4324

■ 1.2878, 1.7129,
1.6427

■ 0.1740, 0.4320,
0.3210

■ 75.9720, 85.0444,
89.5019

■ 75.9720, 85.0444,
89.5019

■ 67.7831, 80.9876,
81.7830

■ 85.3160, 89.6917,
97.7119

■ 60.6947, 77.4864,
74.5401

■ 91.0627, 92.4725,
106.1923

■ 54.6583, 74.5182,
67.7654

■ 91.3422, 92.5843,
107.6641

■ 49.6190, 72.0550,
61.4486

■ 45.5166, 70.0658,
55.5792

■ 42.2842, 68.5163,
50.1460

■ 39.8453, 67.3674,
45.1372

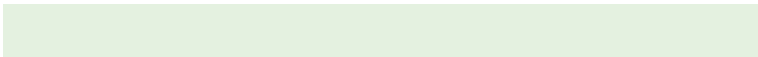
■ 38.1094, 66.5724,
40.5398

■ 36.9276, 66.0549,
36.3382

Harmonies

Analogous

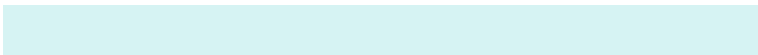
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1404, 85.0444, 83.1253



75.9720, 85.0444, 89.5019



76.0851, 85.0444, 97.0600

Triad

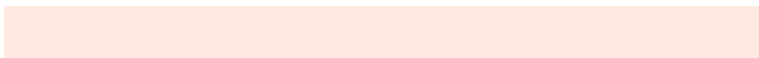
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9720, 85.0444, 89.5019



82.3752, 85.0444, 107.1734



84.3084, 85.0444, 82.2704

Complementary

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



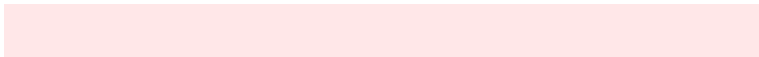
75.9720, 85.0444, 89.5019



76.4396, 75.3771, 84.6531

Split Complementary

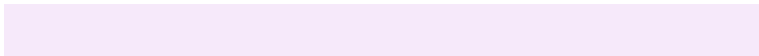
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7727, 85.0444, 88.2766



75.9720, 85.0444, 89.5019



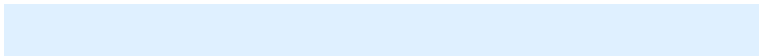
84.6399, 85.0444, 102.7663

Square

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



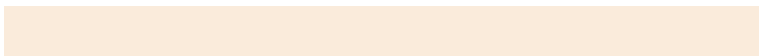
75.9720, 85.0444, 89.5019



79.7434, 85.0444, 107.5457



85.8953, 85.0444, 95.7665



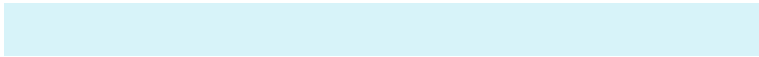
81.9308, 85.0444, 79.1054

Rectangle

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



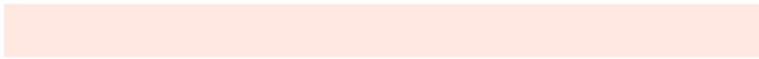
75.9720, 85.0444, 89.5019



76.8720, 85.0444, 101.7556



85.8953, 85.0444, 95.7665



84.9260, 85.0444, 84.0087

Sweetspot

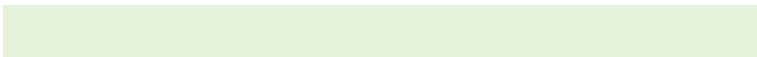
The Sweet Spot groups the original color and five complimentary colors.



75.9744, 85.0480, 89.5038



91.7822, 98.3742, 106.0899



77.2806, 85.9434, 79.5348



19.4626, 20.9653, 22.5487



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.



75.9744, 85.0480, 89.5038



82.6888, 93.8570, 97.9574



76.9678, 84.6824, 97.0869



16.6876, 18.6342, 19.6392



20.3278, 36.2760, 20.2779



1.8378, 3.2088, 2.0516

Inverse Universe

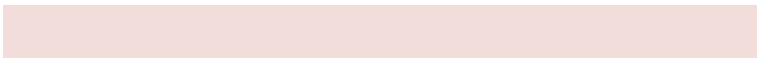
The Inverse Universe completely reimagines the original color for something new.



76.4396, 75.3771, 84.6531



83.3117, 80.9099, 91.4639



75.5019, 75.6732, 77.6462



16.7856, 16.5971, 18.6174



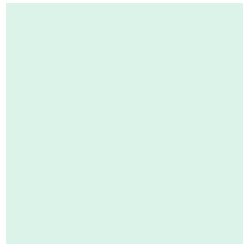
21.6462, 11.0019, 8.1114



1.9525, 0.9870, 0.9761

Previews

White Background



This preview shows how the XYZ color 75.9720, 85.0444, 89.5019 looks on a white background.

Color Contrast Check

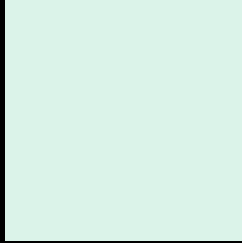
Large Text (above 18pt) WCAG AA × Fail

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 75.9720, 85.0444, 89.5019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

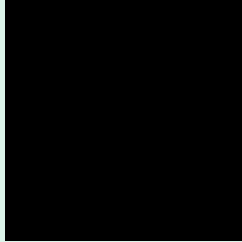
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

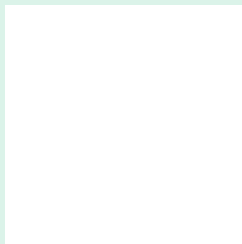
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9720, 85.0444, 89.5019

Background



This preview shows how black text looks on a background with the XYZ color 75.9720, 85.0444, 89.5019.



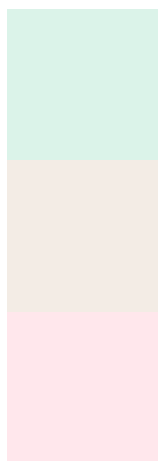
This preview shows how white text looks on a background with the XYZ color 75.9720, 85.0444,

89.5019.

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

75.9720, 85.0444, 89.5019

Protanopia

81.1005, 84.7027, 86.2036

Deuteranopia

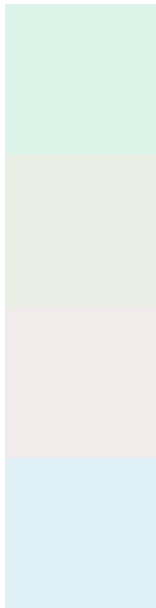
84.9562, 84.4680, 91.1832



Tritanopia

80.2805, 85.1218, 106.8066

Trichromacy



Original Color

75.9720, 85.0444, 89.5019

Protanomaly

79.0811, 84.9386, 87.0897

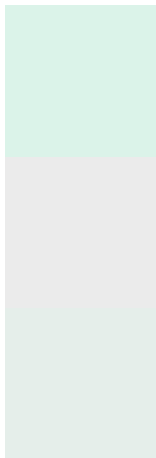
Deuteranomaly

81.3217, 84.2921, 90.5811

Tritanomaly

78.3800, 84.7236, 100.2179

Monochromacy



Original Color

75.9720, 85.0444, 89.5019

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.7389, 83.7476, 89.9095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9720, 85.0444, 89.5019 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(219, 243, 233) looks like.

```
.text, #text, p{  
    color:rgb(219, 243, 233)  
}
```

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(219, 243, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 243, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.9720, 85.0444, 89.5019 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(219, 243, 233) }
```


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

```
.border{ border-color:rgb(219, 243, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 243, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 243, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 243, 233);  
box-shadow:4px 4px 4px 4px rgb(219, 243,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9720, 85.0444, 89.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 243, 233) }
```

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

```
.background{ background-color: rgb(219,  
243, 233) }
```

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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