

Converting Colors

XYZ(76.8412, 85.3575, 95.6448)

Have a look what the booklet for
XYZ(76.8412, 85.3575, 95.6448)
contains.

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Color

**XYZ(76.8412, 85.3575,
95.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF3F1
RGB	218, 243, 241
RGB Percent	85%, 95%, 95%
CMY	0.1451, 0.0470, 0.0549
CMYK	0.10, 0.00, 0.01, 0.05
HSL	175°, 51%, 90%
HSV	175°, 10%, 95%
XYZ	76.8412, 85.3575, 95.6448
YIQ	235.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

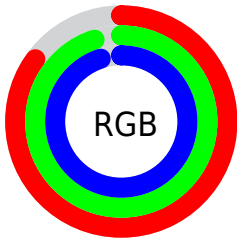
Format	Color
R _Y B	218, 231, 243
Decimal	14349297
CIE Lab	94.04, -8.51, -1.82
CIE LCh	94, 8.702, 192.093
Yxy	85.3575, 0.2980, 0.3310
Android (android.graphics.Color)	4292539377 (0xFFDAF3F1)
YUV	235.2970, 2.8116, -15.1695
Hunter-Lab	92.3891, -13.2203, 3.2931

Details

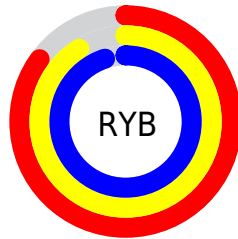
The XYZ color **76.8412, 85.3575, 95.6448** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.9549, 74.3670, 78.1177**, and the grayscale version is **79.1809, 83.3045, 90.7186**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6315, 46.8300, 52.7438** is the 20% darker color. If you saturate the color by 10%, you get **69.8118, 81.7695, 93.8071**, and if you desaturate by 10%, it is **84.9440, 89.5032, 97.5525**.

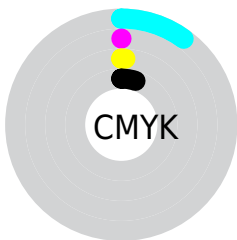
Distribution



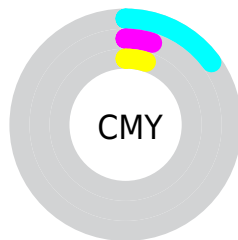
- Red (85%)
- Green (95%)
- Blue (95%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8412, 85.3575, 95.6448 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 76.8412, 85.3575, 95.6448 by changing the saturation by 10% instead.

76.8412, 85.3575,
95.6448

76.8412, 85.3575,
95.6448

473.1227,
512.8103, 567.2642

57.4220, 64.1368,
72.0719

127.8893,
140.8725, 157.1584

41.5856, 46.7615,
52.7302

160.2490,
175.9357, 195.9361

28.9666, 32.8471,
37.2012

197.6529,
216.3818, 240.6192

19.1997, 22.0094,
25.0663

240.4663,
262.5952, 291.6262

11.9196, 13.8638,
15.9070

289.0546,
314.9604, 349.3757

6.7607, 8.0260,
9.3047

343.7832,

3.3579, 4.1116,

373.8617, 414.2861

4.8410

405.0175,
439.6835, 486.7761

■ 1.3457, 1.7362,
2.0971

■ 0.2171, 0.4469,
0.6141

■ 76.8412, 85.3575,
95.6448

■ 76.8412, 85.3575,
95.6448

■ 69.8118, 81.7695,
93.8071

■ 84.9440, 89.5032,
97.5525

■ 63.8022, 78.7045,
92.0316

■ 89.7578, 91.9506,
99.3207

■ 58.7654, 76.1407,
90.3178

■ 90.0566, 92.0701,
100.8940

■ 54.6477, 74.0502,
88.6630

■ 90.3585, 92.1909,
102.4838

■ 51.3901, 72.4029,
87.0645

■ 90.6635, 92.3129,
104.0902

■ 48.9268, 71.1647,
85.5192

■ 90.9717, 92.4362,
105.7133

■ 47.1827, 70.2968,
84.0235

■ 91.2831, 92.5608,
107.3530

■ 46.0678, 69.7531,
82.5731

■ 91.3422, 92.5844,
107.6641

■ 45.4434, 69.4609,
81.2012

Harmonies

Analogous

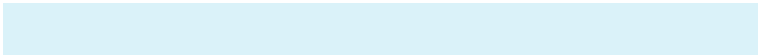
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9543, 85.3575, 89.0627



76.8412, 85.3575, 95.6448



77.8610, 85.3575, 101.7789

Triad

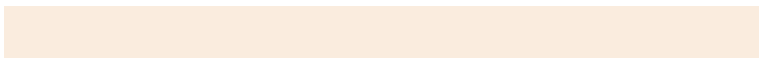
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8412, 85.3575, 95.6448



84.1601, 85.3575, 102.7566



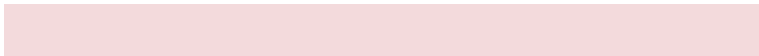
82.5106, 85.3575, 81.2939

Complementary

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



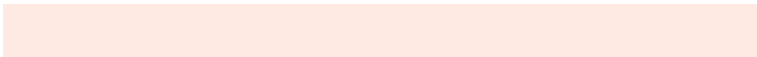
76.8412, 85.3575, 95.6448



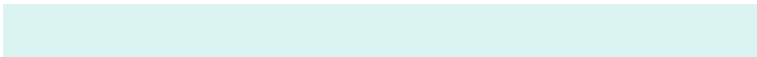
74.9549, 74.3670, 78.1177

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.



84.4887, 85.3575, 84.6279



76.8412, 85.3575, 95.6448



85.4535, 85.3575, 96.9278

Square

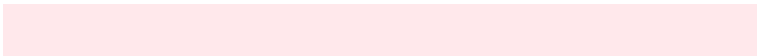
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.8412, 85.3575, 95.6448



82.0688, 85.3575, 106.0141



85.5750, 85.3575, 90.2863



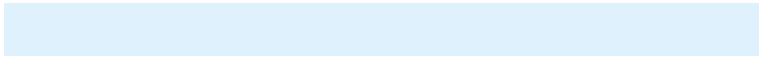
80.1978, 85.3575, 80.9872

Rectangle

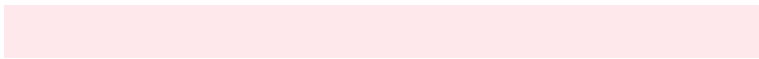
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



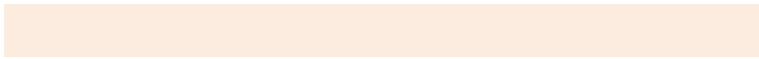
76.8412, 85.3575, 95.6448



79.0576, 85.3575, 104.7057



85.5750, 85.3575, 90.2863



83.2378, 85.3575, 82.0901

Sweetspot

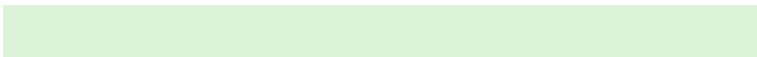
The Sweet Spot groups the original color and five complimentary colors.



76.8436, 85.3611, 95.6467



92.1928, 98.5384, 108.2519



74.2484, 84.3954, 78.7076



19.5736, 21.0097, 23.1335



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.



76.8436, 85.3611, 95.6467



84.2823, 94.4944, 106.3484



74.1147, 79.4215, 96.2219



16.9360, 18.7336, 20.9475



24.9635, 38.1302, 44.6888



2.2107, 3.3579, 4.0155

Inverse Universe

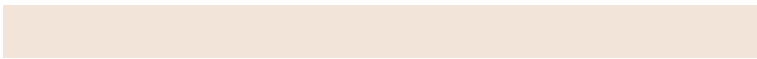
The Inverse Universe completely reimagines the original color for something new.



74.9549, 74.3670, 78.1177



81.8480, 80.3245, 83.7564



77.4782, 79.8359, 77.6573



16.5530, 16.5041, 17.3928



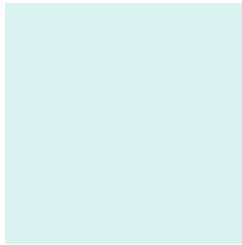
20.3718, 10.4922, 1.4003



1.8087, 0.9294, 0.2190

Previews

White Background



This preview shows how the XYZ color 76.8412, 85.3575, 95.6448 looks on a white background.

Color Contrast Check

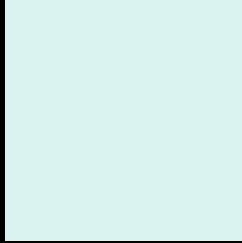
Large Text (above 18pt) WCAG AA × Fail

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 76.8412, 85.3575, 95.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

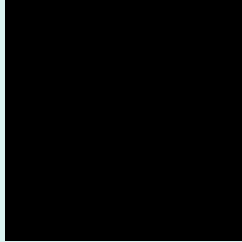
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

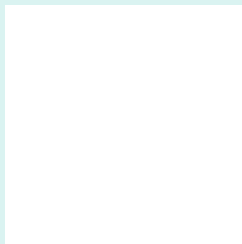
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8412, 85.3575, 95.6448

Background



This preview shows how black text looks on a background with the XYZ color 76.8412, 85.3575, 95.6448.



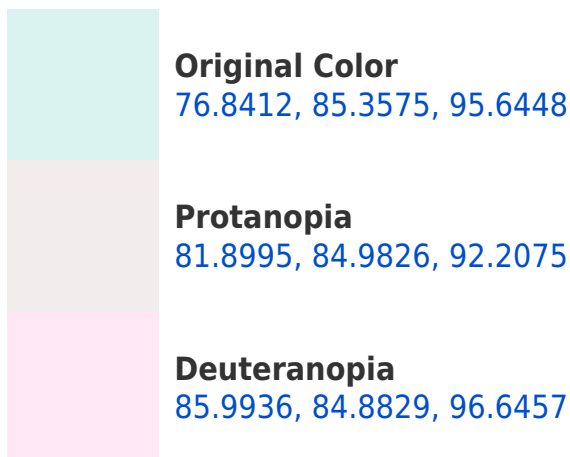
This preview shows how white text looks on a background with the XYZ color 76.8412, 85.3575,

95.6448.

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

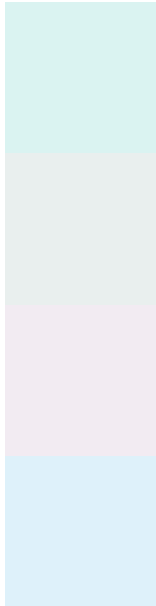




Tritanopia

80.2614, 85.5477, 106.8899

Trichromacy



Original Color

76.8412, 85.3575, 95.6448

Protanomaly

79.9034, 85.2297, 93.1285

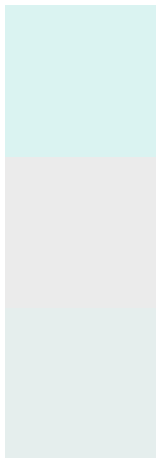
Deuteranomaly

82.3533, 84.7047, 96.0136

Tritanomaly

78.8348, 85.3423, 102.7602

Monochromacy



Original Color

76.8412, 85.3575, 95.6448

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.1737, 83.9215, 92.1990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8412, 85.3575, 95.6448 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, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 243, 241)  
}
```

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, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 76.8412, 85.3575, 95.6448 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, 243, 241) }
```


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

```
.border{ border-color:rgb(218, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 243,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8412, 85.3575, 95.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 243, 241) }
```

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

```
.background{ background-color: rgb(218,  
243, 241) }
```

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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