

Converting Colors

XYZ(75.7779, 84.6334, 93.1119)

Have a look what the booklet for
XYZ(75.7779, 84.6334, 93.1119)
contains.

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Color

**XYZ(75.8000, 84.4290,
93.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2EE
RGB	217, 242, 238
RGB Percent	85%, 95%, 93%
CMY	0.1490, 0.0510, 0.0667
CMYK	0.10, 0.00, 0.02, 0.05
HSL	170°, 49%, 90%
HSV	170°, 10%, 95%
XYZ	75.8000, 84.4290, 93.1903
YIQ	234.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

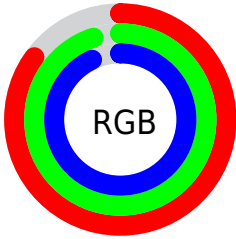
Format	Color
R _{YB}	217, 231, 242
Decimal	14283502
CIE Lab	93.64, -8.90, -0.86
CIE LCh	94, 8.938, 185.526
Yxy	84.4290, 0.2991, 0.3332
Android (android.graphics.Color)	4292473582 (0xFFD9F2EE)
YUV	234.0690, 1.9380, -14.9695
Hunter-Lab	91.8853, -13.5471, 4.1876

Details

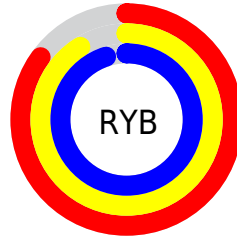
The XYZ color **75.8000, 84.4290, 93.1903** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4850, 73.7256, 78.7151**, and the grayscale version is **78.2541, 82.3294, 89.6568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9027, 46.1766, 51.0131** is the 20% darker color. If you saturate the color by 10%, you get **68.5649, 80.7666, 89.9132**, and if you desaturate by 10%, it is **84.1070, 88.6472, 96.5851**.

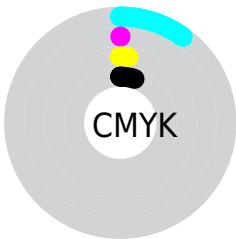
Distribution



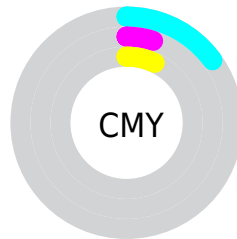
- Red (85%)
- Green (95%)
- Blue (93%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8000, 84.4290, 93.1903 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 75.8000, 84.4290, 93.1903 by changing the saturation by 10% instead.

75.8000, 84.4290,
93.1903

75.8000, 84.4290,
93.1903

469.6177,
509.7367, 559.1907

56.5650, 63.3697,
70.0411

126.4260,
139.5751, 153.7360

40.8949, 46.1403,
51.0831

158.5478,
174.4307, 191.9697

28.4243, 32.3566,
35.8975

195.6958,
214.6539, 236.0686

18.7878, 21.6340,
24.0660

238.2355,
260.6290, 286.4513

11.6201, 13.5882,
15.1699

286.5321,
312.7404, 343.5363

6.5559, 7.8348,
8.7908

340.9512,

3.2298, 3.9894,

371.3726, 407.7422

4.5100

401.8579,
436.9099, 479.4875

■ 1.2764, 1.6677,
1.9091

■ 0.1655, 0.4026,
0.4985

■ 75.8000, 84.4290,
93.1903

■ 75.8000, 84.4290,
93.1903

■ 68.5649, 80.7666,
89.9132

■ 84.1070, 88.6472,
96.5851

■ 62.3487, 77.6257,
86.7456

■ 89.5901, 91.4060,
99.9103

■ 57.1046, 74.9845,
83.6867

■ 90.1905, 91.6461,
103.0717

■ 52.7794, 72.8156,
80.7335

■ 90.8034, 91.8913,
106.2989

■ 49.3146, 71.0890,
77.8830

■ 91.0437, 91.9874,
107.5646

■ 46.6451, 69.7709,
75.1317

■ 44.6962, 68.8230,
72.4757

■ 43.3790, 68.1994,
69.9103

■ 42.5637, 67.8314,
67.5092

Harmonies

Analogous

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



76.1741, 84.4290, 86.6318



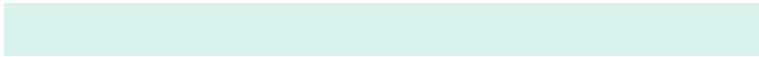
75.8000, 84.4290, 93.1903



76.5984, 84.4290, 99.7161

Triad

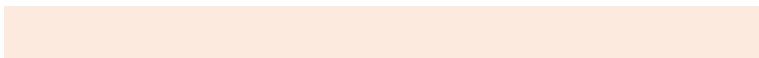
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8000, 84.4290, 93.1903



82.9221, 84.4290, 102.9550



82.1483, 84.4290, 80.5639

Complementary

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



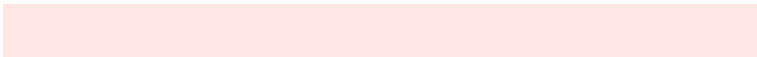
75.8000, 84.4290, 93.1903



74.4850, 73.7256, 78.7151

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.



84.0102, 84.4290, 84.5579



75.8000, 84.4290, 93.1903



84.4630, 84.4290, 97.4375

Square

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



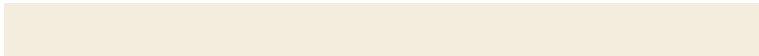
75.8000, 84.4290, 93.1903



80.6865, 84.4290, 105.5286



84.8651, 84.4290, 90.6788



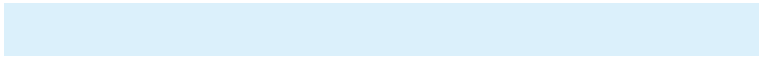
79.8096, 84.4290, 79.5507

Rectangle

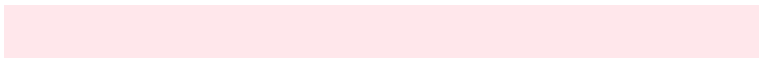
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



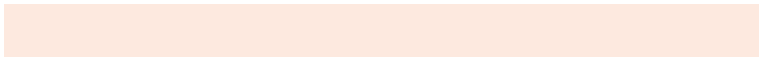
75.8000, 84.4290, 93.1903



77.6975, 84.4290, 103.1032



84.8651, 84.4290, 90.6788



82.8522, 84.4290, 81.5925

Sweetspot

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



75.8024, 84.4325, 93.1922



92.0947, 98.4992, 107.7355



74.1486, 83.9160, 77.9363



19.5471, 20.9991, 22.9937



0.0000, 0.0000, 0.0000



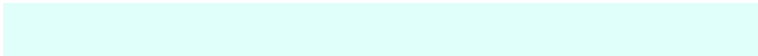
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8024, 84.4325, 93.1922



83.8957, 94.3397, 104.3126



73.9728, 79.8215, 95.5169



16.1323, 17.8829, 19.7195



22.9071, 36.4549, 36.4894



1.9345, 3.0442, 3.1874

Inverse Universe

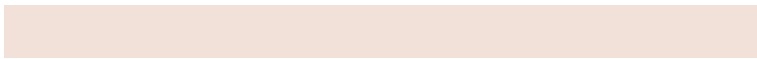
The Inverse Universe completely reimagines the original color for something new.



74.4850, 73.7256, 78.7151



82.1880, 80.4605, 85.5469



76.1606, 77.9205, 76.6730



15.8760, 15.8001, 16.9032



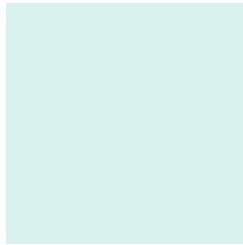
19.8982, 10.2317, 2.1145



1.6857, 0.8633, 0.3357

Previews

White Background



This preview shows how the XYZ color 75.8000, 84.4290, 93.1903 looks on a white background.

Color Contrast Check

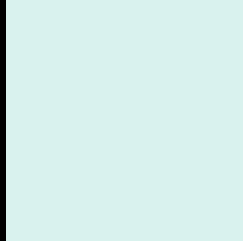
Large Text (above 18pt) WCAG AA × Fail

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 75.8000, 84.4290, 93.1903 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

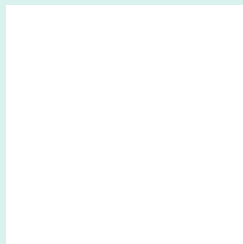
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8000, 84.4290, 93.1903

Background



This preview shows how black text looks on a background with the XYZ color 75.8000, 84.4290, 93.1903.



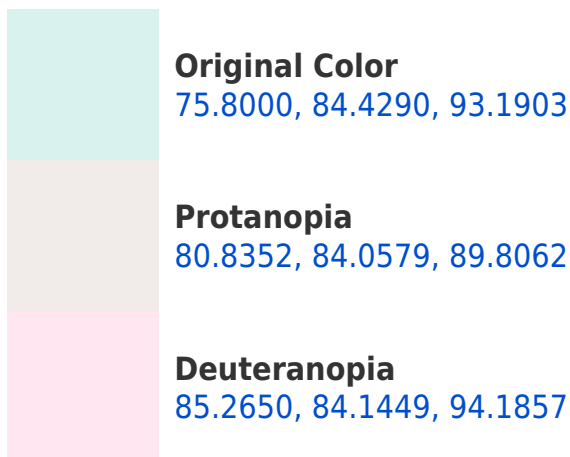
This preview shows how white text looks on a background with the XYZ color 75.8000, 84.4290,

93.1903.

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

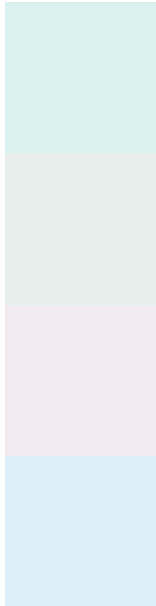




Tritanopia

79.3479, 84.6410, 106.7630

Trichromacy



Original Color

75.8000, 84.4290, 93.1903

Protanomaly

78.8486, 84.3030, 90.7136

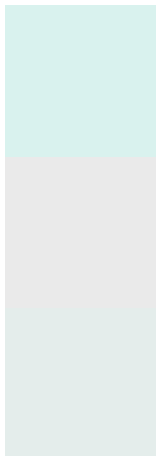
Deuteranomaly

81.2784, 83.7784, 93.5484

Tritanomaly

78.0778, 84.5319, 101.8237

Monochromacy



Original Color

75.8000, 84.4290, 93.1903

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2745, 83.0605, 90.5567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8000, 84.4290, 93.1903 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(217, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 238)  
}
```

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(217, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.8000, 84.4290, 93.1903 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(217, 242, 238) }
```


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

```
.border{ border-color:rgb(217, 242, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8000, 84.4290, 93.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 238) }
```

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

```
.background{ background-color: rgb(217,  
242, 238) }
```

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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