

Converting Colors

XYZ(76.1998, 83.3840, 94.0489)

Have a look what the booklet for
XYZ(76.1998, 83.3840, 94.0489)
contains.

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Color

**XYZ(75.9617, 83.1806,
93.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEFEF
RGB	220, 239, 239
RGB Percent	86%, 94%, 94%
CMY	0.1372, 0.0627, 0.0627
CMYK	0.08, 0.00, 0.00, 0.06
HSL	180°, 37%, 90%
HSV	180°, 8%, 94%
XYZ	75.9617, 83.1806, 93.7132
YIQ	233.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

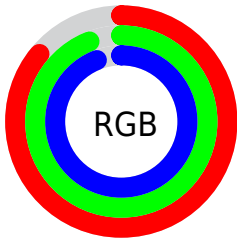
Format	Color
R _Y B	220, 230, 239
Decimal	14479343
CIE Lab	93.09, -6.23, -2.15
CIE LCh	93, 6.587, 199.064
Yxy	83.1806, 0.3004, 0.3290
Android (android.graphics.Color)	4292669423 (0xFFDCEFEF)
YUV	233.3190, 2.8007, -11.6808
Hunter-Lab	91.2034, -10.9365, 2.9208

Details

The XYZ color **75.9617, 83.1806, 93.7132** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1111, 74.7067, 78.2278**, and the grayscale version is **77.6800, 81.7254, 88.9990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9978, 45.2852, 51.3799** is the 20% darker color. If you saturate the color by 10%, you get **69.2390, 79.7173, 93.3969**, and if you desaturate by 10%, it is **83.7233, 87.1841, 94.0816**.

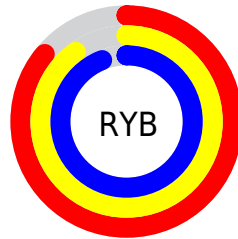
Distribution



Red (86%)

Green (94%)

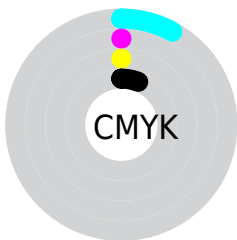
Blue (94%)



Red (86%)

Yellow (90%)

Blue (94%)

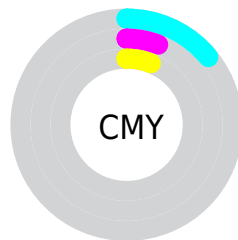


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9617, 83.1806, 93.7132 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 75.9617, 83.1806, 93.7132 by changing the saturation by 10% instead.

75.9617, 83.1806,
93.7132

75.9617, 83.1806,
93.7132

470.1630,
505.5882, 560.9159

56.6980, 62.3391,
70.4735

126.6534,
137.8284, 154.4659

41.0021, 45.3068,
51.4334

158.8122,
172.4035, 192.8159

28.5084, 31.6991,
36.1746

196.0000,
212.3253, 237.0398

18.8516, 21.1318,
24.2783

238.5823,
257.9781, 287.5561

11.6665, 13.2204,
15.3261

286.9244,
309.7465, 344.7833

6.5876, 7.5805,
8.8994

341.3916,

3.2496, 3.8277,

368.0147, 409.1400

4.5797

402.3494,
433.1671, 481.0447

■ 1.2871, 1.5777,
1.9485

■ 0.1735, 0.3425,
0.5233

■ 75.9617, 83.1806,
93.7132

■ 75.9617, 83.1806,
93.7132

■ 69.2390, 79.7173,
93.3969

■ 83.7233, 87.1841,
94.0816

■ 63.5044, 76.7610,
93.1251


■ 87.6896, 89.2287,
94.2707


■ 58.7135, 74.2913,
92.8974


■ 87.6902, 89.2289,
94.2741


■ 54.8157, 72.2820,
92.7116


■ 87.6909, 89.2292,
94.2776


 51.7559, 70.7047,
92.5649


 87.6915, 89.2295,
94.2811


 49.4726, 69.5277,
92.4546


 87.6922, 89.2297,
94.2845


 47.8960, 68.7150,
92.3774

 87.6929, 89.2300,
94.2880

 46.9440, 68.2243,
92.3294

 87.6935, 89.2302,
94.2915

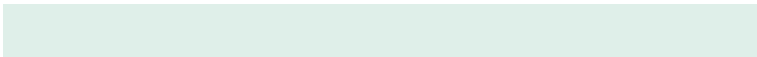
 46.5036, 67.9974,
92.3054

 87.6942, 89.2305,
94.2949

Harmonies

Analogous

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



75.8431, 83.1806, 88.7762



75.9617, 83.1806, 93.7132



76.9036, 83.1806, 97.9499

Triad

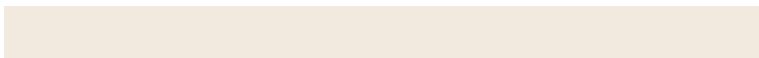
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9617, 83.1806, 93.7132



81.5973, 83.1806, 96.9485



79.6927, 83.1806, 81.5443

Complementary

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



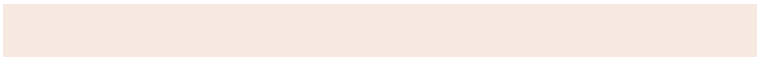
75.9617, 83.1806, 93.7132



74.1111, 74.7067, 78.2278

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.



81.2577, 83.1806, 83.5696



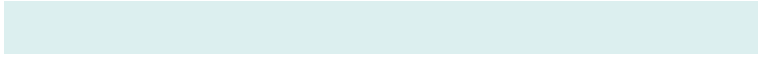
75.9617, 83.1806, 93.7132



82.3680, 83.1806, 92.3868

Square

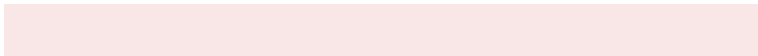
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9617, 83.1806, 93.7132



80.1509, 83.1806, 99.8643



82.2428, 83.1806, 87.4970



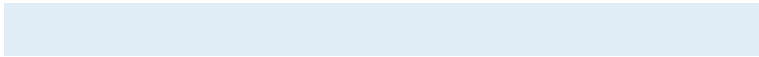
77.9804, 83.1806, 81.8702

Rectangle

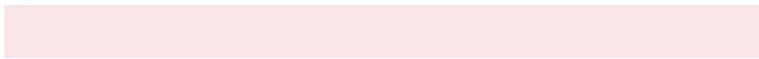
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



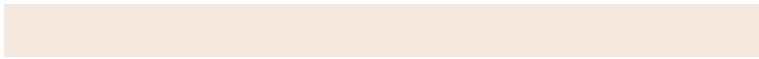
75.9617, 83.1806, 93.7132



77.8793, 83.1806, 99.7508



82.2428, 83.1806, 87.4970



80.2539, 83.1806, 81.9697

Sweetspot

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



75.9641, 83.1841, 93.7150



93.1984, 99.0455, 108.8125



73.3983, 82.1689, 79.7033



19.9677, 21.2098, 23.2913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

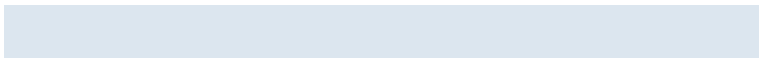
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9641, 83.1841, 93.7150



86.2821, 95.4801, 108.4857



73.3434, 77.9420, 92.8441



16.2473, 17.9289, 20.3252



25.6638, 37.5575, 51.0058



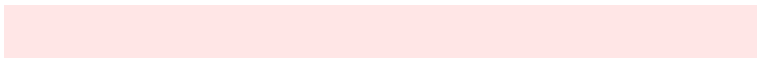
2.1350, 3.1245, 4.2434

Inverse Universe

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



74.1111, 74.7067, 78.2278



83.6113, 83.2611, 86.1630



76.5880, 79.6612, 79.0511



15.7730, 15.7589, 16.3608



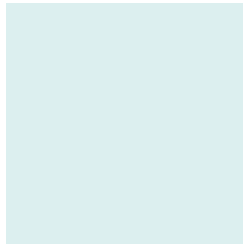
19.6717, 10.1411, 0.9216



1.6365, 0.8437, 0.0769

Previews

White Background



This preview shows how the XYZ color 75.9617, 83.1806, 93.7132 looks on a white background.

Color Contrast Check

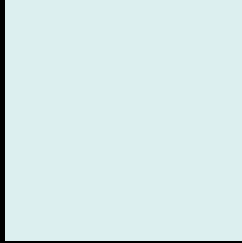
Large Text (above 18pt) WCAG AA × Fail

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 75.9617, 83.1806, 93.7132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

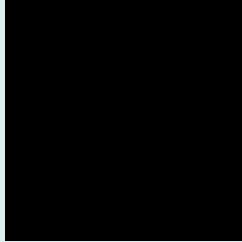
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

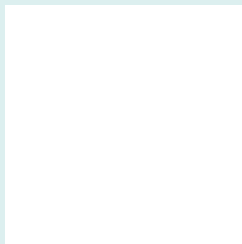
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9617, 83.1806, 93.7132

Background



This preview shows how black text looks on a background with the XYZ color 75.9617, 83.1806, 93.7132.



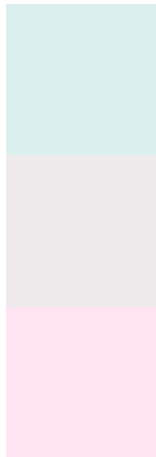
This preview shows how white text looks on a background with the XYZ color 75.9617, 83.1806,

93.7132.

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

75.9617, 83.1806, 93.7132

Protanopia

80.1597, 83.2525, 91.2013

Deuteranopia

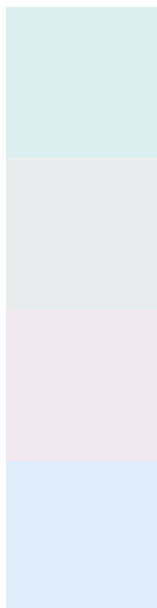
84.8606, 83.0977, 94.7859



Tritanopia

78.4769, 82.8989, 106.4727

Trichromacy



Original Color

75.9617, 83.1806, 93.7132

Protanomaly

78.5602, 83.2611, 92.0512

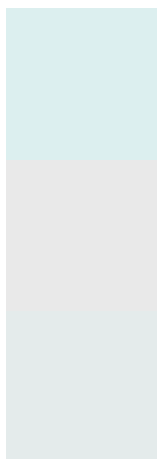
Deuteranomaly

81.2027, 82.8817, 94.1560

Tritanomaly

77.5073, 82.9375, 101.5460

Monochromacy



Original Color

75.9617, 83.1806, 93.7132

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6986, 81.9088, 90.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9617, 83.1806, 93.7132 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(220, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 239)  
}
```

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(220, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.9617, 83.1806, 93.7132 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(220, 239, 239) }
```


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

```
.border{ border-color:rgb(220, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9617, 83.1806, 93.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 239) }
```

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

```
.background{ background-color: rgb(220,  
239, 239) }
```

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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