

Converting Colors

XYZ(76.5146, 83.5286, 93.7439)

Have a look what the booklet for
XYZ(76.5146, 83.5286, 93.7439)
contains.

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Color

**XYZ(76.5707, 83.4946,
93.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEFEF
RGB	222, 239, 239
RGB Percent	87%, 94%, 94%
CMY	0.1294, 0.0627, 0.0627
CMYK	0.07, 0.00, 0.00, 0.06
HSL	180°, 35%, 90%
HSV	180°, 7%, 94%
XYZ	76.5707, 83.4946, 93.7417
YIQ	233.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

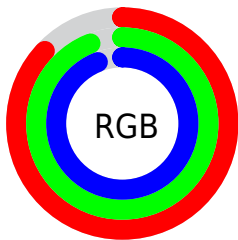
Format	Color
R _Y B	222, 231, 239
Decimal	14610415
CIE Lab	93.23, -5.58, -1.93
CIE LCh	93, 5.906, 199.119
Yxy	83.4946, 0.3017, 0.3290
Android (android.graphics.Color)	4292800495 (0xFFDEEFEF)
YUV	233.9170, 2.5059, -10.4512
Hunter-Lab	91.3754, -10.3276, 3.1374

Details

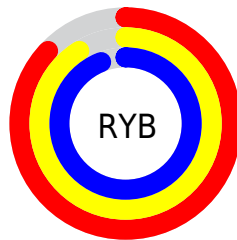
The XYZ color **76.5707, 83.4946, 93.7417** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9058, 75.8695, 79.8075**, and the grayscale version is **78.1331, 82.2021, 89.5181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4171, 45.5014, 51.3995** is the 20% darker color. If you saturate the color by 10%, you get **69.7630, 79.9875, 93.4208**, and if you desaturate by 10%, it is **84.4209, 87.5437, 94.1148**.

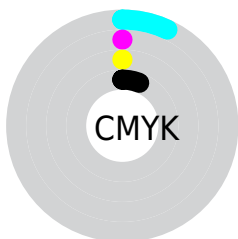
Distribution



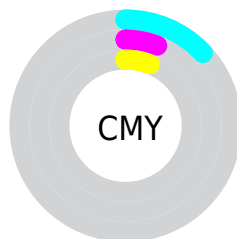
- Red (87%)
- Green (94%)
- Blue (94%)



- Red (87%)
- Yellow (91%)
- Blue (94%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5707, 83.4946, 93.7417 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 76.5707, 83.4946, 93.7417 by changing the saturation by 10% instead.

■ 76.5707, 83.4946,
93.7417

■ 76.5707, 83.4946,
93.7417

472.2135,
506.6334, 561.0099

■ 57.1993, 62.5983,
70.4970

127.5094,
138.2680, 154.5056

■ 41.4060, 45.5163,
51.4525

159.8073,
172.9138, 192.8620

■ 28.8256, 31.8643,
36.1897

197.1449,
212.9116, 237.0927

■ 19.0925, 21.2579,
24.2899

239.8873,
258.6457, 287.6163

■ 11.8415, 13.3126,
15.3346

288.4001,
310.5005, 344.8512

■ 6.7073, 7.6442,
8.9053

343.0484,

■ 3.3244, 3.8681,

368.8605, 409.2161

4.5835

404.1978,
434.1100, 481.1295

■ 1.3276, 1.6001,
1.9506

■ 0.2037, 0.3576,
0.5247

■ 76.5707, 83.4946,
93.7417

■ 76.5707, 83.4946,
93.7417

■ 69.7630, 79.9875,
93.4208

■ 84.4209, 87.5437,
94.1148

■ 63.9471, 76.9894,
93.1446

■ 87.6898, 89.2288,
94.2718

■ 59.0790, 74.4799,
92.9128

■ 87.6906, 89.2292,
94.2759

■ 55.1085, 72.4331,
92.7230

■ 87.6914, 89.2295,
94.2799

■ 51.9807, 70.8207,
92.5726

■ 87.6921, 89.2298,
94.2840

■ 49.6348, 69.6115,
92.4588

■ 87.6929, 89.2301,
94.2880

■ 48.0020, 68.7698,
92.3783

■ 87.6937, 89.2304,
94.2921

■ 47.0011, 68.2539,
92.3275

■ 87.6945, 89.2307,
94.2962

■ 46.5277, 68.0100,
92.3013

■ 87.6952, 89.2310,
94.3002

Harmonies

Analogous

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



76.4623, 83.4946, 89.3064



76.5707, 83.4946, 93.7417



77.4205, 83.4946, 97.5327

Triad

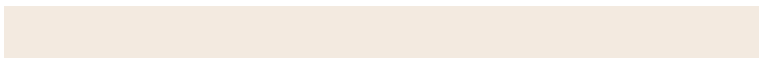
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5707, 83.4946, 93.7417



81.6386, 83.4946, 96.6249



79.9242, 83.4946, 82.7682

Complementary

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



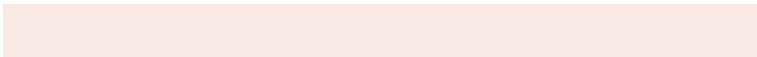
76.5707, 83.4946, 93.7417



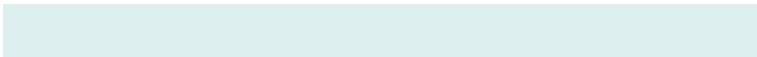
74.9058, 75.8695, 79.8075

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.



81.3298, 83.4946, 84.5969



76.5707, 83.4946, 93.7417



82.3282, 83.4946, 92.5355

Square

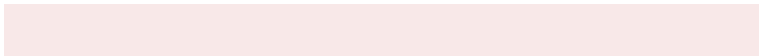
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5707, 83.4946, 93.7417



80.3413, 83.4946, 99.2344



82.2144, 83.4946, 88.1387



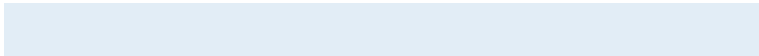
78.3850, 83.4946, 83.0673

Rectangle

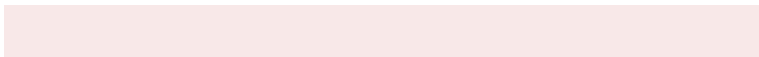
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



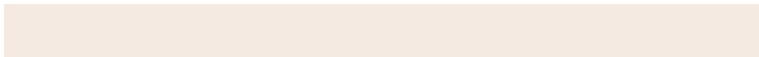
76.5707, 83.4946, 93.7417



78.2994, 83.4946, 99.1391



82.2144, 83.4946, 88.1387



80.4283, 83.4946, 83.1520

Sweetspot

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



76.5731, 83.4981, 93.7435



93.1983, 99.0455, 108.8124



74.2648, 82.5849, 81.1349



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



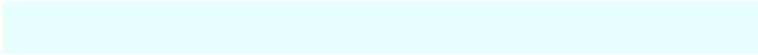
20.3446, 21.4041, 23.3091

Same Dimension

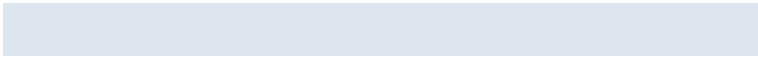
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5731, 83.4981, 93.7435



87.1041, 95.9039, 108.5239



74.2219, 78.7949, 92.9625



16.2473, 17.9289, 20.3251



25.6632, 37.5573, 51.0026



2.1350, 3.1244, 4.2432

Inverse Universe

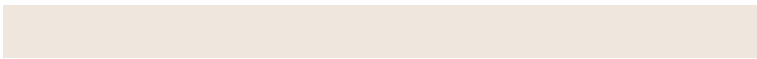
The Inverse Universe completely reimagines the original color for something new.



74.9058, 75.8695, 79.8075



84.6840, 84.8307, 88.2955



77.1416, 80.3420, 80.5503



15.7730, 15.7589, 16.3609



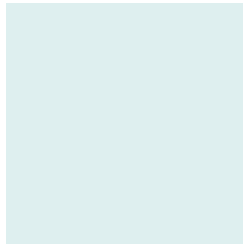
19.6717, 10.1411, 0.9218



1.6365, 0.8437, 0.0769

Previews

White Background



This preview shows how the XYZ color 76.5707, 83.4946, 93.7417 looks on a white background.

Color Contrast Check

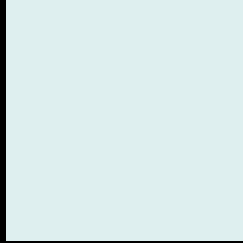
Large Text (above 18pt) WCAG AA × Fail

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 76.5707, 83.4946, 93.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

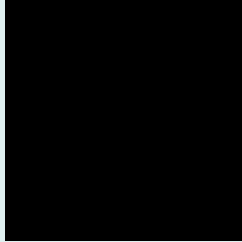
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

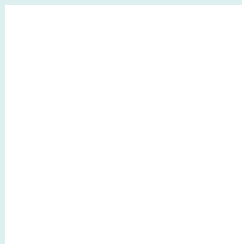
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5707, 83.4946, 93.7417

Background



This preview shows how black text looks on a background with the XYZ color 76.5707, 83.4946, 93.7417.



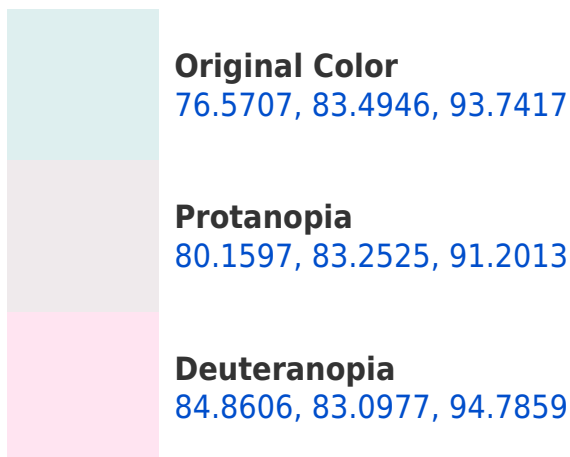
This preview shows how white text looks on a background with the XYZ color 76.5707, 83.4946,

93.7417.

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

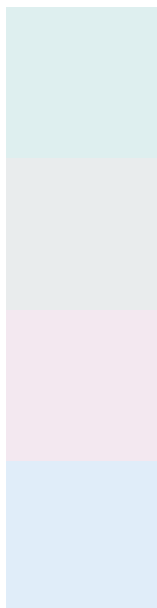




Tritanopia

79.0968, 83.2185, 106.5017

Trichromacy



Original Color

76.5707, 83.4946, 93.7417

Protanomaly

78.8858, 83.4290, 92.0664

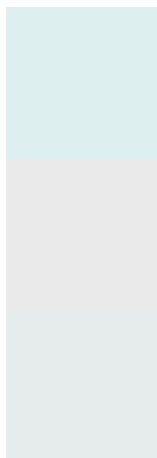
Deuteranomaly

81.5469, 83.0592, 94.1721

Tritanomaly

78.1235, 83.2552, 101.5748

Monochromacy



Original Color

76.5707, 83.4946, 93.7417

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.7689, 82.8700, 91.2535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5707, 83.4946, 93.7417 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(222, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.5707, 83.4946, 93.7417 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(222, 239, 239) }
```


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

```
.border{ border-color:rgb(222, 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(222, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 239, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 239, 239); box-shadow:4px 4px 4px 4px rgb(222, 239, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5707, 83.4946, 93.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 239, 239) }
```

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

```
.background{ background-color: rgb(222,  
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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