

Converting Colors

XYZ(78.0466, 85.3322, 93.9495)

Have a look what the booklet for
XYZ(78.0466, 85.3322, 93.9495)
contains.

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Color

**XYZ(77.7758, 84.9899,
93.9668)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F1EF
RGB	224, 241, 239
RGB Percent	88%, 95%, 94%
CMY	0.1216, 0.0549, 0.0627
CMYK	0.07, 0.00, 0.01, 0.05
HSL	173°, 38%, 91%
HSV	173°, 7%, 95%
XYZ	77.7758, 84.9899, 93.9668
YIQ	235.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

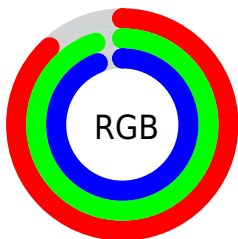
Format	Color
R _Y B	224, 233, 241
Decimal	14741999
CIE Lab	93.88, -5.95, -0.97
CIE LCh	94, 6.025, 189.255
Yxy	84.9899, 0.3029, 0.3310
Android (android.graphics.Color)	4292932079 (0xFFE0F1EF)
YUV	235.6890, 1.6323, -10.2513
Hunter-Lab	92.1900, -10.7414, 4.1002

Details

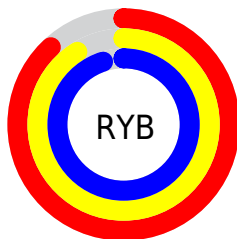
The XYZ color **77.7758, 84.9899, 93.9668** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6619, 77.5054, 82.8752**, and the grayscale version is **79.4862, 83.6257, 91.0684**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2584, 46.5518, 51.5579** is the 20% darker color. If you saturate the color by 10%, you get **70.4138, 81.2451, 91.4507**, and if you desaturate by 10%, it is **86.2079, 89.2903, 96.5709**.

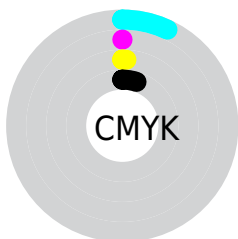
Distribution



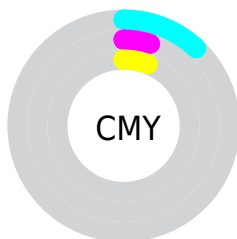
- Red (88%)
- Green (95%)
- Blue (94%)



- Red (88%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7758, 84.9899, 93.9668 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 77.7758, 84.9899, 93.9668 by changing the saturation by 10% instead.

■ 77.7758, 84.9899,
93.9668

■ 77.7758, 84.9899,
93.9668

476.2566,
511.5946, 561.7516

■ 58.1920, 63.8330,
70.6832

129.2011,
140.3591, 154.8197

■ 42.2069, 46.5155,
51.6035

161.7732,
175.3402, 193.2261

■ 29.4551, 32.6528,
36.3090

199.4055,
215.6981, 237.5105

■ 19.5714, 21.8606,
24.3814

242.4633,
261.8173, 288.0914

■ 12.1903, 13.7545,
15.4020

291.3119,
314.0822, 345.3875

■ 6.9465, 7.9501,
8.9522

346.3168,

■ 3.4747, 4.0630,

372.8771, 409.8172

4.6136

407.8432,
438.5865, 481.7990

■ 1.4095, 1.7089,
1.9677

■ 0.2630, 0.4294,
0.5353

■ 77.7758, 84.9899,
93.9668

■ 77.7758, 84.9899,
93.9668

■ 70.4138, 81.2451,
91.4507

■ 86.2079, 89.2903,
96.5709

■ 64.0704, 78.0223,
89.0147

■ 89.1298, 90.7469,
98.9500

■ 58.7004, 75.3006,
86.6585

■ 89.5661, 90.9215,
101.2475

■ 54.2527, 73.0535,
84.3793

■ 90.0090, 91.0986,
103.5802

■ 50.6714, 71.2524,
82.1745

■ 90.4587, 91.2785,
105.9482

■ 47.8942, 69.8650,
80.0410

■ 90.7469, 91.3938,
107.4656

■ 45.8510, 68.8553,
77.9752

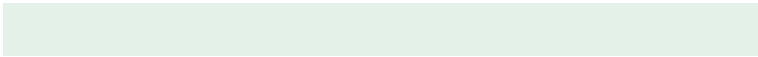
■ 44.4590, 68.1806,
75.9733

■ 43.6120, 67.7861,
74.0300

Harmonies

Analogous

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



77.9316, 84.9899, 89.4475



77.7758, 84.9899, 93.9668



78.4167, 84.9899, 98.2393

Triad

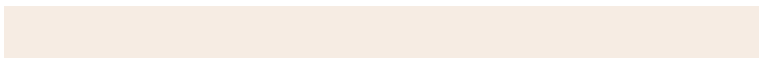
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7758, 84.9899, 93.9668



82.7468, 84.9899, 99.5456



81.8772, 84.9899, 84.5263

Complementary

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



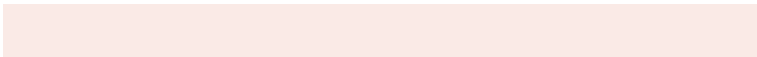
77.7758, 84.9899, 93.9668



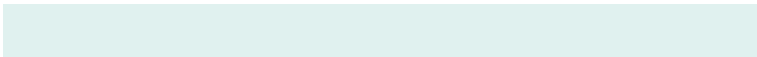
76.6619, 77.5054, 82.8752

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.



83.1910, 84.9899, 87.0646



77.7758, 84.9899, 93.9668



83.6976, 84.9899, 95.7021

Square

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



77.7758, 84.9899, 93.9668



81.2772, 84.9899, 101.5297



83.8613, 84.9899, 91.1268



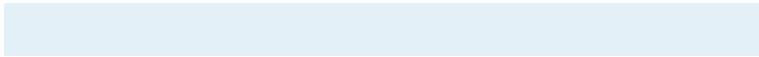
80.2856, 84.9899, 84.0964

Rectangle

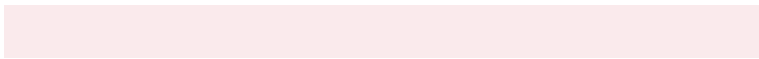
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7758, 84.9899, 93.9668



79.2147, 84.9899, 100.3367



83.8613, 84.9899, 91.1268



82.3665, 84.9899, 85.1572

Sweetspot

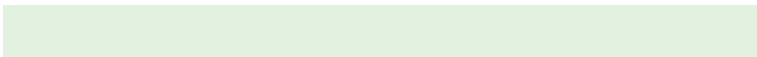
The Sweet Spot groups the original color and five complimentary colors.



77.7782, 84.9935, 93.9687



93.1019, 99.0069, 108.3045



76.3602, 84.5080, 82.8095



19.9480, 21.2019, 23.1879



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

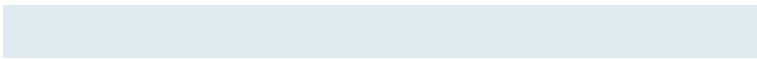
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7782, 84.9935, 93.9687



87.5543, 96.1803, 106.5415



76.2618, 81.4843, 94.9319



16.1625, 17.8950, 19.8784



23.5759, 36.7224, 40.0112



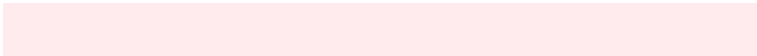
1.9838, 3.0640, 3.4470

Inverse Universe

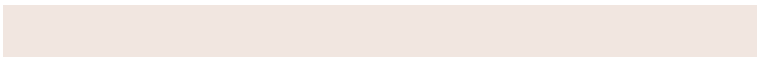
The Inverse Universe completely reimagines the original color for something new.



76.6619, 77.5054, 82.8752



86.1206, 86.5625, 92.2930



78.0950, 80.8091, 82.0041



15.8485, 15.7891, 16.7587



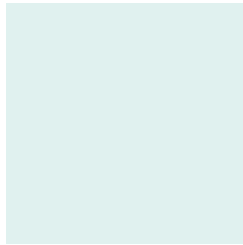
19.8128, 10.1975, 1.6649



1.6727, 0.8581, 0.2673

Previews

White Background



This preview shows how the XYZ color 77.7758, 84.9899, 93.9668 looks on a white background.

Color Contrast Check

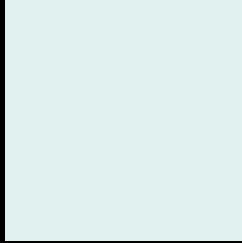
Large Text (above 18pt) WCAG AA × Fail

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 77.7758, 84.9899, 93.9668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

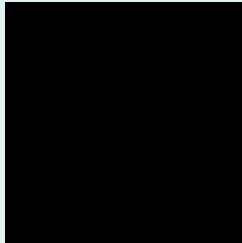
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

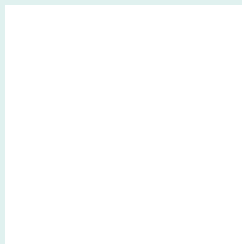
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7758, 84.9899, 93.9668

Background



This preview shows how black text looks on a background with the XYZ color 77.7758, 84.9899, 93.9668.



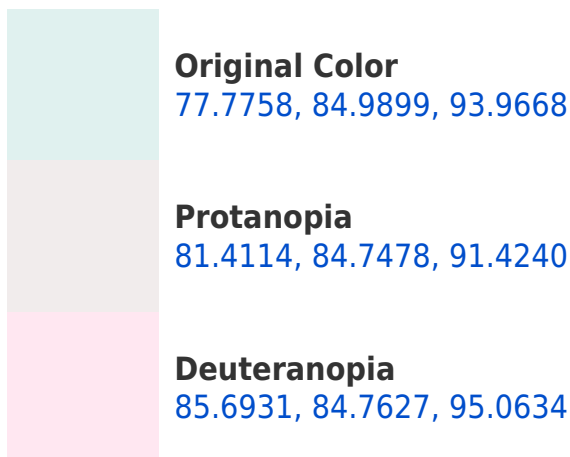
This preview shows how white text looks on a background with the XYZ color 77.7758, 84.9899,

93.9668.

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

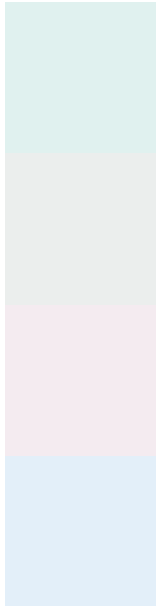




Tritanopia

80.6194, 84.8631, 106.7388

Trichromacy



Original Color

77.7758, 84.9899, 93.9668

Protanomaly

80.1215, 84.9257, 92.2902

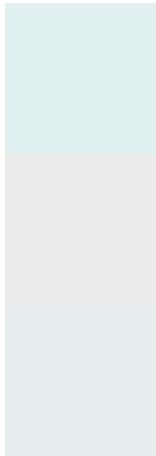
Deuteranomaly

82.7447, 84.9410, 94.4722

Tritanomaly

79.6439, 84.9035, 101.8129

Monochromacy



Original Color

77.7758, 84.9899, 93.9668

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.1393, 84.4193, 92.2442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7758, 84.9899, 93.9668 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(224, 241, 239) looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 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(224, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 239) }
```

Border

The CSS property to change the border of an element to XYZ 77.7758, 84.9899, 93.9668 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(224, 241, 239) }
```


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

```
.border{ border-color:rgb(224, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7758, 84.9899, 93.9668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 239) }
```

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

```
.background{ background-color: rgb(224,  
241, 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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