

Converting Colors

XYZ(76.5764, 83.3613, 89.0050)

Have a look what the booklet for
XYZ(76.5764, 83.3613, 89.0050)
contains.

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Color

**XYZ(76.3339, 83.0398,
89.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EEE9
RGB	225, 238, 233
RGB Percent	88%, 93%, 91%
CMY	0.1176, 0.0666, 0.0863
CMYK	0.05, 0.00, 0.02, 0.07
HSL	157°, 28%, 91%
HSV	157°, 5%, 93%
XYZ	76.3339, 83.0398, 89.0959
YIQ	233.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

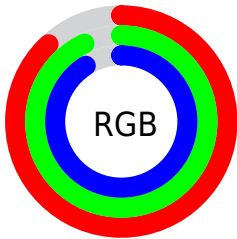
Format	Color
R_{YB}	225, 233, 238
Decimal	14806761
CIE _{Lab}	93.03, -5.20, 0.92
CIE _{LCh}	93, 5.285, 169.979
Yxy	83.0398, 0.3072, 0.3342
Android (android.graphics.Color)	4292996841 (0xFFE1EEE9)
YUV	233.5430, -0.2677, -7.4922
Hunter-Lab	91.1262, -9.9463, 5.8193

Details

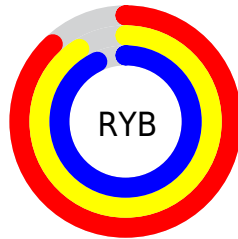
The XYZ color **76.3339, 83.0398, 89.0959** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4711, 77.7430, 85.8424**, and the grayscale version is **77.8686, 81.9239, 89.2151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2413, 45.1763, 48.1412** is the 20% darker color. If you saturate the color by 10%, you get **68.1510, 78.9710, 82.0608**, and if you desaturate by 10%, it is **85.6237, 87.6761, 96.5407**.

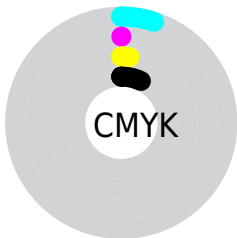
Distribution



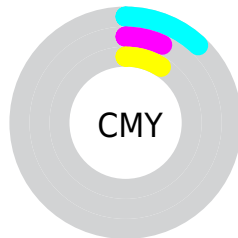
- Red (88%)
- Green (93%)
- Blue (91%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3339, 83.0398, 89.0959 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 76.3339, 83.0398, 89.0959 by changing the saturation by 10% instead.

76.3339, 83.0398,
89.0959

76.3339, 83.0398,
89.0959

471.4168,
505.1192, 545.5795

57.0044, 62.2230,
66.6616

127.1766,
137.6312, 148.0064

41.2489, 45.2129,
48.3498

159.4205,
172.1746, 185.3197

28.7021, 31.6252,
33.7420

196.6999,
212.0623, 228.4297

18.9988, 21.0753,
22.4197

239.3802,
257.6787, 277.7550

11.7734, 13.1791,
13.9644

287.8266,
309.4081, 333.7140

6.6607, 7.5520,
7.9574

342.4046,

3.2952, 3.8096,

367.6351, 396.7255

3.9803

403.4796,
432.7440, 467.2078

■ 1.3117, 1.5677,
1.6146

■ 0.1920, 0.3356,
0.3012

■ 76.3339, 83.0398,
89.0959

■ 76.3339, 83.0398,
89.0959

■ 68.1510, 78.9710,
82.0608

■ 85.6237, 87.6761,
96.5407

■ 61.0243, 75.4366,
75.4226

■ 89.2789, 89.3973,
104.0799

■ 54.9098, 72.4163,
69.1755

■ 89.8661, 89.6322,
107.1720

■ 49.7572, 69.8845,
63.3116

■ 45.5121, 67.8132,
57.8226

■ 42.1142, 66.1714,
52.6999

■ 39.4958, 64.9243,
47.9342

■ 37.5778, 64.0314,
43.5156

■ 36.2631, 63.4426,
39.4332

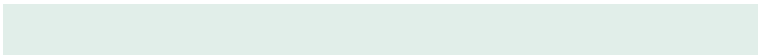
Harmonies

Analogous

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



76.9054, 83.0398, 85.6009



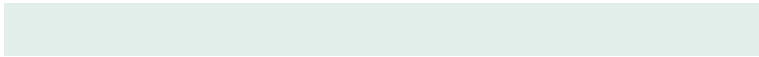
76.3339, 83.0398, 89.0959



76.4509, 83.0398, 93.0467

Triad

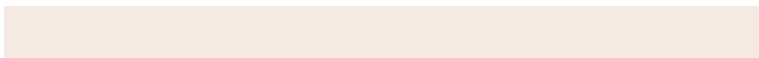
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3339, 83.0398, 89.0959



79.8401, 83.0398, 97.7735



80.6514, 83.0398, 84.7016

Complementary

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



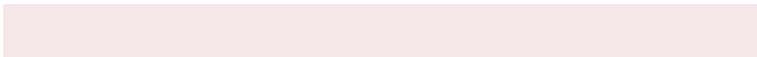
76.3339, 83.0398, 89.0959



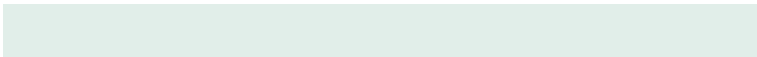
76.4711, 77.7430, 85.8424

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.



81.4556, 83.0398, 87.8358



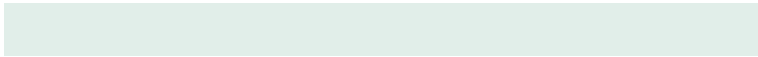
76.3339, 83.0398, 89.0959



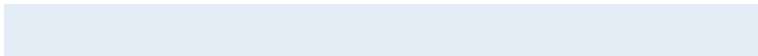
80.9834, 83.0398, 95.4089

Square

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



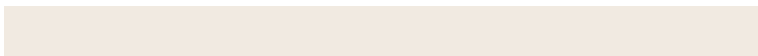
76.3339, 83.0398, 89.0959



78.4645, 83.0398, 98.1348



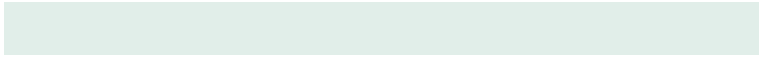
81.5778, 83.0398, 91.7495



79.3910, 83.0398, 83.1133

Rectangle

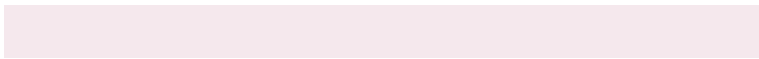
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



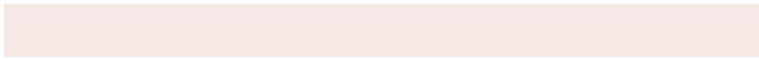
76.3339, 83.0398, 89.0959



76.9042, 83.0398, 95.4045



81.5778, 83.0398, 91.7495



80.9847, 83.0398, 85.6049

Sweetspot

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



76.3362, 83.0433, 89.0977



92.8841, 98.9198, 107.1578



76.8654, 83.4452, 83.2908



19.9037, 21.1842, 22.9546



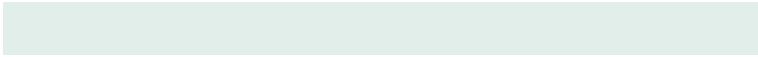
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

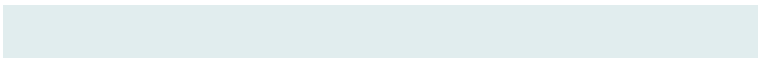
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3362, 83.0433, 89.0977



87.6989, 96.3358, 102.8864



76.6842, 82.5789, 92.7907



16.3232, 17.9934, 19.1848



20.0355, 35.3062, 21.3676



1.7152, 2.9565, 2.0328

Inverse Universe

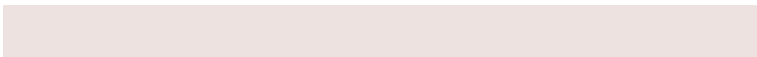
The Inverse Universe completely reimagines the original color for something new.



76.4711, 77.7430, 85.8424



87.8996, 88.4480, 98.0420



76.1312, 78.1716, 82.3116



16.3637, 16.4046, 18.2090



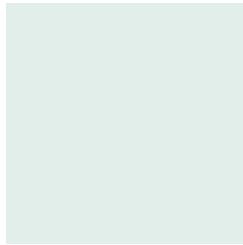
20.7975, 10.5914, 6.8503



1.7773, 0.9000, 0.8184

Previews

White Background



This preview shows how the XYZ color 76.3339, 83.0398, 89.0959 looks on a white background.

Color Contrast Check

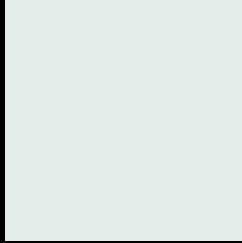
Large Text (above 18pt) WCAG AA × Fail

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 76.3339, 83.0398, 89.0959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

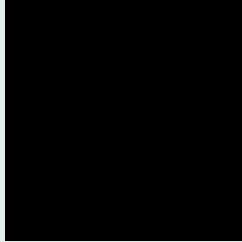
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

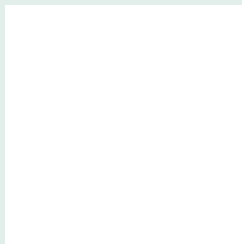
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3339, 83.0398, 89.0959

Background



This preview shows how black text looks on a background with the XYZ color 76.3339, 83.0398, 89.0959.



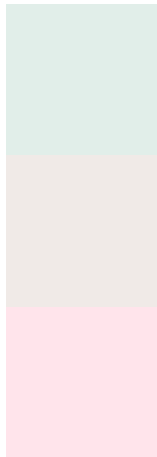
This preview shows how white text looks on a background with the XYZ color 76.3339, 83.0398,

89.0959.

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

76.3339, 83.0398, 89.0959

Protanopia

79.7818, 83.1404, 87.4441

Deuteranopia

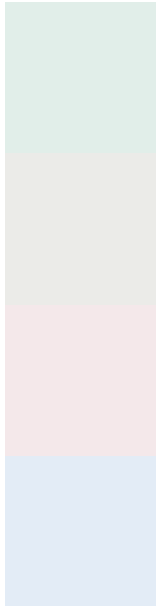
83.9788, 82.7450, 90.1425



Tritanopia

79.4329, 83.0025, 104.7630

Trichromacy



Original Color

76.3339, 83.0398, 89.0959

Protanomaly

78.5348, 82.9050, 88.2070

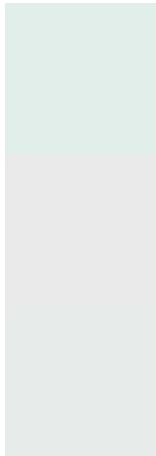
Deuteranomaly

81.0161, 82.8868, 89.5707

Tritanomaly

78.3086, 82.9756, 99.0774

Monochromacy



Original Color

76.3339, 83.0398, 89.0959

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.5146, 82.3461, 89.6508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3339, 83.0398, 89.0959 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(225, 238, 233)` looks like.

```
.text, #text, p{  
    color:rgb(225, 238, 233)  
}
```

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(225, 238, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 238, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.3339, 83.0398, 89.0959 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(225, 238, 233) }
```


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

```
.border{ border-color:rgb(225, 238, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 238, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 238, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 238, 233);  
box-shadow:4px 4px 4px 4px rgb(225, 238,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3339, 83.0398, 89.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 238, 233) }
```

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

```
.background{ background-color: rgb(225,  
238, 233) }
```

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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