

Converting Colors

XYZ(83.7766, 88.6879, 98.1217)

Have a look what the booklet for
XYZ(83.7766, 88.6879, 98.1217)
contains.

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Color

**XYZ(83.9763, 88.9836,
98.3375)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF3F4
RGB	239, 243, 244
RGB Percent	94%, 95%, 96%
CMY	0.0627, 0.0470, 0.0431
CMYK	0.02, 0.00, 0.00, 0.04
HSL	192°, 19%, 95%
HSV	192°, 2%, 96%
XYZ	83.9763, 88.9836, 98.3375
YIQ	241.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

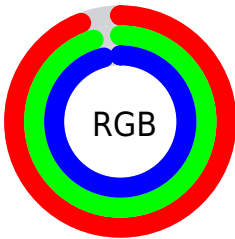
Format	Color
R _Y B	239, 241, 244
Decimal	15725556
CIE Lab	95.57, -1.14, -0.95
CIE LCh	96, 1.487, 219.945
Yxy	88.9836, 0.3095, 0.3280
Android (android.graphics.Color)	4293915636 (0xFFEFF3F4)
YUV	241.9180, 1.0264, -2.5591
Hunter-Lab	94.3311, -6.1736, 4.2236

Details

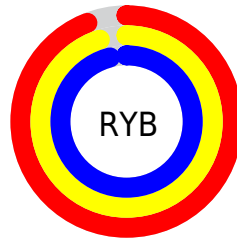
The XYZ color **83.9763, 88.9836, 98.3375** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0483, 87.7841, 94.1767**, and the grayscale version is **84.3291, 88.7208, 96.6170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3759, 49.2388, 54.6367** is the 20% darker color. If you saturate the color by 10%, you get **74.8539, 82.1527, 97.5012**, and if you desaturate by 10%, it is **91.0955, 94.8439, 99.0948**.

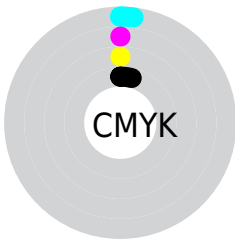
Distribution



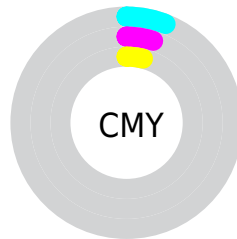
- Red (94%)
- Green (95%)
- Blue (96%)



- Red (94%)
- Yellow (95%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9763, 88.9836, 98.3375 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 83.9763, 88.9836, 98.3375 by changing the saturation by 10% instead.

83.9763, 88.9836,
98.3375

83.9763, 88.9836,
98.3375

496.7694,
524.7190, 576.0504

63.3155, 67.1380,
74.3037

137.8635,
145.9258, 160.9025

46.3561, 49.1967,
54.5444

171.8205,
181.7911, 200.2709

32.7327, 34.7756,
38.6409

210.9404,
223.0984, 245.5878

22.0800, 23.4901,
26.1748

255.5885,
270.2321, 297.2719

14.0327, 14.9558,
16.7275

306.1300,
323.5766, 355.7416

8.2252, 8.7884,
9.8805

362.9305,

4.2924, 4.6034,

383.5164, 421.4156

5.2152

426.3551,
450.4357, 494.7123

■ 1.8689, 2.0165,
2.3132

■ 0.5586, 0.6170,
0.7386

■ 83.9763, 88.9836,
98.3375

■ 83.9763, 88.9836,
98.3375

■ 74.8539, 82.1527,
97.5012

■ 91.0955, 94.8439,
99.0948

■ 66.8349, 75.9449,
96.7256

■ 92.6080, 97.8690,
99.5990

■ 59.8745, 70.3390,
96.0104

■ 93.3294, 99.3118,
99.8394

■ 53.9215, 65.3084,
95.3531

■ 48.9207, 60.8239,
94.7511

■ 44.8111, 56.8539,
94.2014

■ 41.5246, 53.3626,
93.7008

■ 38.9827, 50.3092,
93.2454

■ 37.0909, 47.6444,
92.8307

Harmonies

Analogous

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



83.8060, 88.9836, 97.2765



83.9763, 88.9836, 98.3375



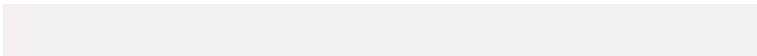
84.3075, 88.9836, 99.0136

Triad

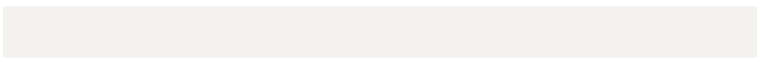
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9763, 88.9836, 98.3375



85.3152, 88.9836, 97.6604



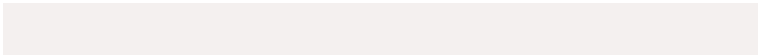
84.4409, 88.9836, 94.6921

Complementary

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



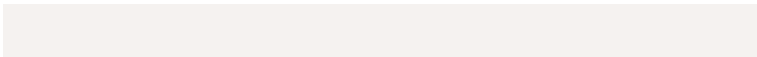
83.9763, 88.9836, 98.3375



84.0483, 87.7841, 94.1767

Split Complementary

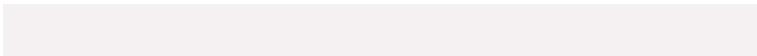
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8455, 88.9836, 94.7931



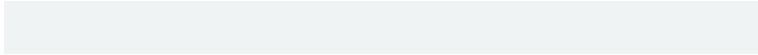
83.9763, 88.9836, 98.3375



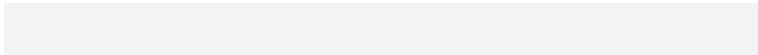
85.3512, 88.9836, 96.5006

Square

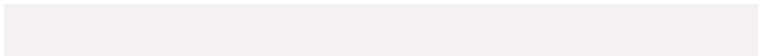
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



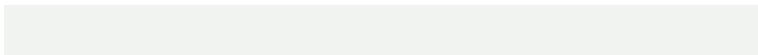
83.9763, 88.9836, 98.3375



85.0809, 88.9836, 98.6205



85.1790, 88.9836, 95.4528



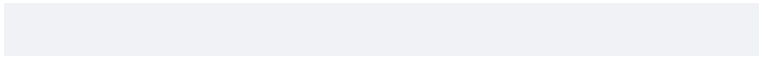
84.0736, 88.9836, 95.1759

Rectangle

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



83.9763, 88.9836, 98.3375



84.5755, 88.9836, 99.1519



85.1790, 88.9836, 95.4528



84.5770, 88.9836, 94.6589

Sweetspot

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



83.9788, 88.9874, 98.3394



93.9562, 99.1959, 108.8024



83.6643, 89.3398, 95.2091



20.1220, 21.2405, 23.2892



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

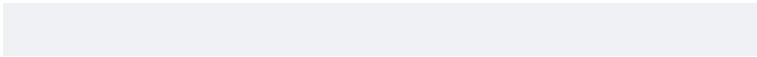
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9788, 88.9874, 98.3394



92.8753, 98.3991, 108.7056



83.2591, 87.5478, 98.0995



18.2256, 19.3023, 21.3077



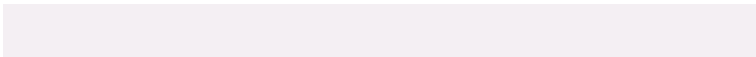
19.6381, 25.0700, 50.3420



1.7956, 2.3427, 4.4478

Inverse Universe

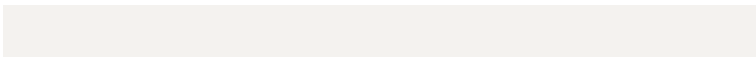
The Inverse Universe completely reimagines the original color for something new.



84.3543, 87.4387, 97.2300



93.2814, 96.7238, 107.5058



84.7658, 89.2190, 94.4159



18.3009, 18.9912, 21.0850



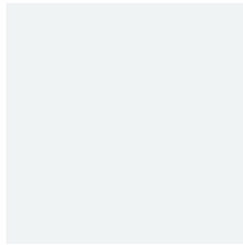
25.7169, 12.6302, 29.5474



2.2954, 1.1241, 2.7820

Previews

White Background



This preview shows how the XYZ color 83.9763, 88.9836, 98.3375 looks on a white background.

Color Contrast Check

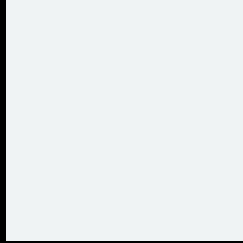
Large Text (above 18pt) WCAG AA × Fail

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 83.9763, 88.9836, 98.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

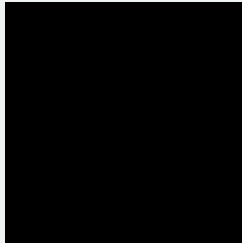
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

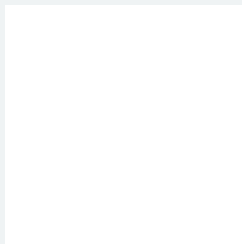
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9763, 88.9836, 98.3375

Background



This preview shows how black text looks on a background with the XYZ color 83.9763, 88.9836, 98.3375.



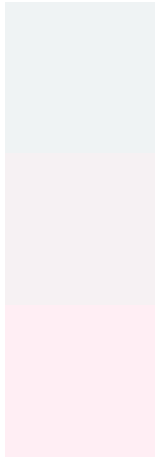
This preview shows how white text looks on a background with the XYZ color 83.9763, 88.9836,

98.3375.

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

83.9763, 88.9836, 98.3375

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

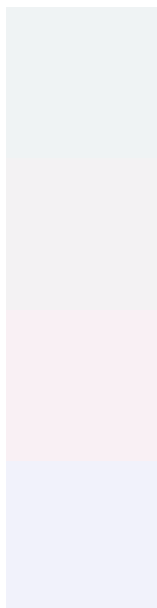
88.1437, 88.9407, 98.1096



Tritanopia

86.1232, 89.0078, 107.2488

Trichromacy



Original Color

83.9763, 88.9836, 98.3375

Protanomaly

84.8919, 89.0300, 97.5042

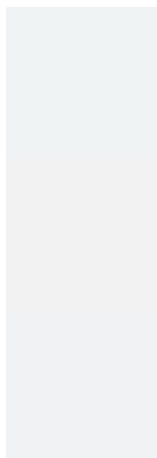
Deuteranomaly

86.5561, 88.9916, 98.2030

Tritanomaly

85.4403, 89.1701, 103.9751

Monochromacy



Original Color

83.9763, 88.9836, 98.3375

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2054, 88.6761, 97.4721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9763, 88.9836, 98.3375 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(239, 243, 244) looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 244)  
}
```

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(239, 243, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 244) }
```

Border

The CSS property to change the border of an element to XYZ 83.9763, 88.9836, 98.3375 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(239, 243, 244) }
```


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

```
.border{ border-color:rgb(239, 243, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 243, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 244);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9763, 88.9836, 98.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 244) }
```

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

```
.background{ background-color: rgb(239,  
243, 244) }
```

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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