

Converting Colors

XYZ(83.8847, 88.8212, 95.8855)

Have a look what the booklet for
XYZ(83.8847, 88.8212, 95.8855)
contains.

XYZ(83.8630, 88.9773, 95.9734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(83.8630, 88.9773,
95.9734)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F3F1
RGB	240, 243, 241
RGB Percent	94%, 95%, 95%
CMY	0.0588, 0.0470, 0.0549
CMYK	0.01, 0.00, 0.01, 0.05
HSL	140°, 11%, 95%
HSV	140°, 1%, 95%
XYZ	83.8630, 88.9773, 95.9734
YIQ	241.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

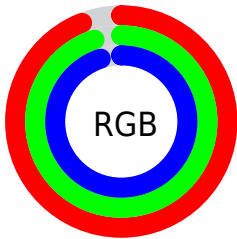
Format	Color
R _Y B	240, 242, 243
Decimal	15791089
CIE Lab	95.57, -1.34, 0.60
CIE LCh	96, 1.473, 155.853
Yxy	88.9773, 0.3120, 0.3310
Android (android.graphics.Color)	4293981169 (0xFFFF0F3F1)
YUV	241.8750, -0.4314, -1.6444
Hunter-Lab	94.3278, -6.3765, 5.7051

Details

The XYZ color **83.8630, 88.9773, 95.9734** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.1526, 87.7881, 96.5184**, and the grayscale version is **84.3054, 88.6958, 96.5898**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2944, 49.2338, 52.9620** is the 20% darker color. If you saturate the color by 10%, you get **73.8450, 84.0828, 83.4220**, and if you desaturate by 10%, it is **91.3423, 92.5846, 107.6641**.

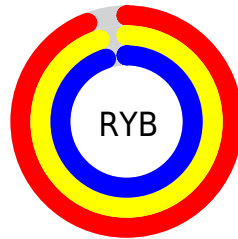
Distribution



Red (94%)

Green (95%)

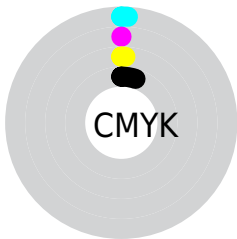
Blue (95%)



Red (94%)

Yellow (95%)

Blue (95%)

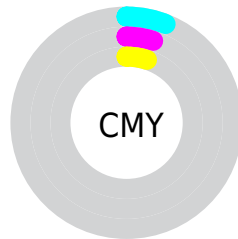


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.8630, 88.9773, 95.9734 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 83.8630, 88.9773, 95.9734 by changing the saturation by 10% instead.

83.8630, 88.9773,
95.9734

83.8630, 88.9773,
95.9734

496.3987,
524.6984, 568.3403

63.2217, 67.1327,
72.3440

137.7058,
145.9170, 157.6158

46.2799, 49.1925,
52.9512

171.6379,
181.7809, 196.4660

32.6723, 34.7722,
37.3764

210.7310,
223.0868, 241.2269

22.0335, 23.4875,
25.2010

255.3505,
270.2189, 292.3169

13.9983, 14.9539,
16.0065

305.8616,
323.5617, 350.1548

8.2012, 8.7870,
9.3743

362.6298,

4.2768, 4.6025,

383.4997, 415.1589

4.8860

426.0204,
450.4171, 487.7479

■ 1.8599, 2.0160,
2.1230

■ 0.5534, 0.6167,
0.6294

■ 83.8630, 88.9773,
95.9734

■ 83.8630, 88.9773,
95.9734

■ 73.8450, 84.0828,
83.4220

■ 91.3423, 92.5846,
107.6641

■ 65.0956, 79.8156,
72.0240

■ 57.5651, 76.1531,
61.7483

■ 51.1973, 73.0671,
52.5608

■ 45.9319, 70.5273,
44.4251

■ 41.7025, 68.5003,
37.3033

■ 38.4357, 66.9488,
31.1547

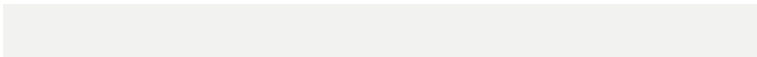
■ 36.0474, 65.8307,
25.9359

■ 34.4380, 65.0953,
21.6002

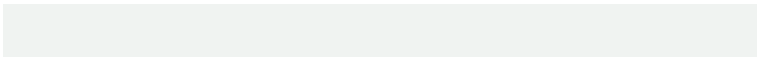
Harmonies

Analogous

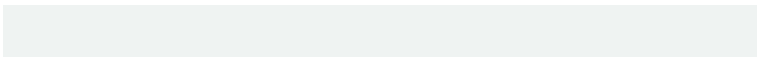
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1158, 88.9773, 95.0881



83.8630, 88.9773, 95.9734



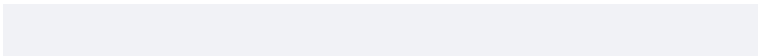
83.7994, 88.9773, 97.1083

Triad

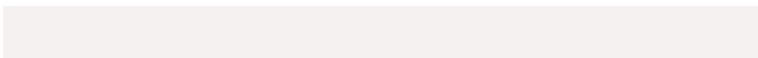
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8630, 88.9773, 95.9734



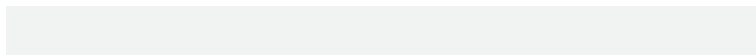
84.6495, 88.9773, 99.1124



85.2018, 88.9773, 95.5832

Complementary

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



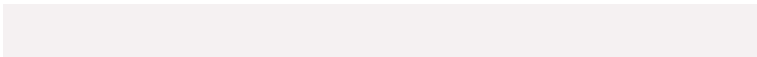
83.8630, 88.9773, 95.9734



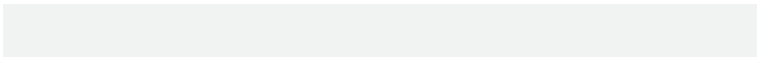
84.1526, 87.7881, 96.5184

Split Complementary

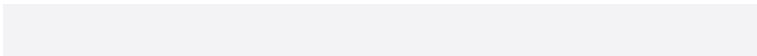
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3458, 88.9773, 96.6543



83.8630, 88.9773, 95.9734



85.0263, 88.9773, 98.6966

Square

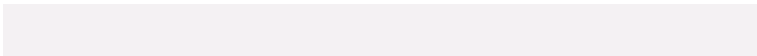
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



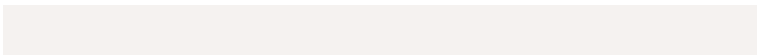
83.8630, 88.9773, 95.9734



84.2527, 88.9773, 98.9266



85.2815, 88.9773, 97.7946



84.8886, 88.9773, 94.8641

Rectangle

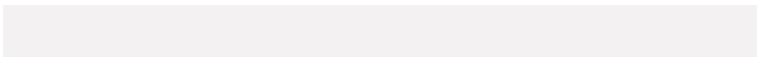
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



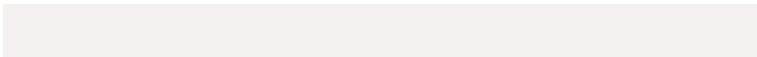
83.8630, 88.9773, 95.9734



83.8727, 88.9773, 97.8551



85.2815, 88.9773, 97.7946



85.2716, 88.9773, 95.9137

Sweetspot

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



83.8655, 88.9811, 95.9753

95.0500, 100.0000, 108.9000



84.4174, 89.2828, 95.2235



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

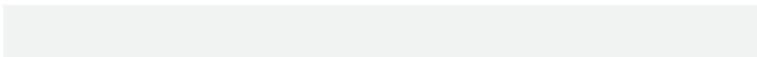
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8655, 88.9811, 95.9753



93.8453, 99.4105, 107.4203



84.0835, 89.0683, 97.1233



18.4057, 19.4900, 21.0692



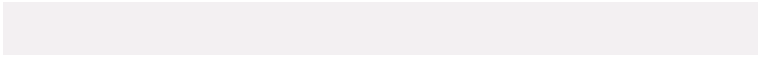
18.4591, 35.5285, 10.4375



1.6681, 3.1409, 1.1581

Inverse Universe

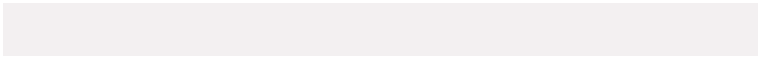
The Inverse Universe completely reimagines the original color for something new.



84.1526, 87.7881, 96.5184



94.1055, 98.3292, 107.9124



83.9351, 87.7011, 95.3732



18.4540, 19.2894, 21.1605



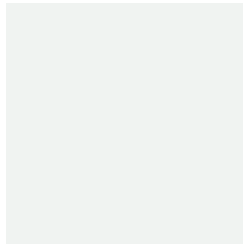
23.9358, 11.9178, 20.1683



2.1513, 1.0665, 2.0229

Previews

White Background



This preview shows how the XYZ color 83.8630, 88.9773, 95.9734 looks on a white background.

Color Contrast Check

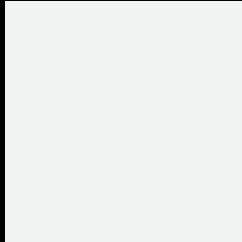
Large Text (above 18pt) WCAG AA × Fail

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 83.8630, 88.9773, 95.9734 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

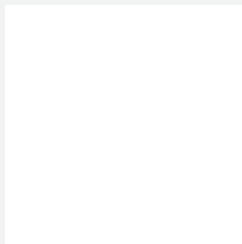
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8630, 88.9773, 95.9734

Background



This preview shows how black text looks on a background with the XYZ color 83.8630, 88.9773, 95.9734.



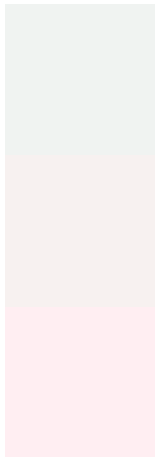
This preview shows how white text looks on a background with the XYZ color 83.8630, 88.9773,

95.9 34.

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

83.8630, 88.9773, 95.9734

Protanopia

85.5412, 88.9760, 95.1037

Deuteranopia

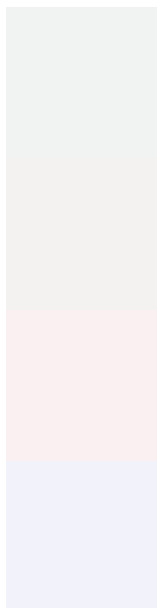
87.8415, 88.8199, 96.5186



Tritanopia

86.4674, 89.1853, 107.2649

Trichromacy



Original Color

83.8630, 88.9773, 95.9734

Protanomaly

84.7885, 89.0286, 95.1535

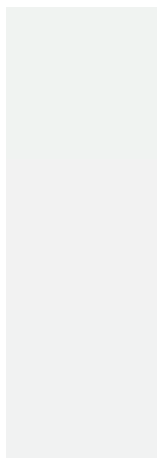
Deuteranomaly

86.6114, 89.0550, 96.6288

Tritanomaly

85.6254, 89.2836, 103.1630

Monochromacy



Original Color

83.8630, 88.9773, 95.9734

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.0548, 88.6158, 96.6788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8630, 88.9773, 95.9734 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(240, 243, 241) looks like.

```
.text, #text, p{  
    color:rgb(240, 243, 241)  
}
```

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(240, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 83.8630, 88.9773, 95.9734 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(240, 243, 241) }
```

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

```
.border{ border-color:rgb(240, 243, 241) }
```

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

Here you see how a box with a 4 pixel rgb(240, 243, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 243,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 83.8630, 88.9773, 95.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 243, 241) }
```

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

```
.background{ background-color: rgb(240,  
243, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor