

Converting Colors

XYZ(88.3890, 93.3848, 86.0033)

Have a look what the booklet for
XYZ(88.3890, 93.3848, 86.0033)
contains.

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Color

**XYZ(88.3659, 93.3276,
86.0297)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7E3
RGB	255, 247, 227
RGB Percent	100%, 97%, 89%
CMY	0.0000, 0.0313, 0.1098
CMYK	0.00, 0.03, 0.11, 0.00
HSL	43°, 100%, 95%
HSV	43°, 11%, 100%
XYZ	88.3659, 93.3276, 86.0297
YIQ	247.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

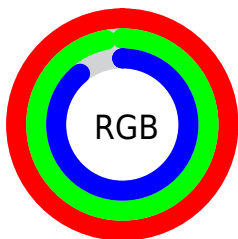
Format	Color
R_{YB}	238, 255, 227
Decimal	16775139
CIE _{Lab}	97.36, -0.62, 10.55
CIE _{LCh}	97, 10.572, 93.382
Yxy	93.3276, 0.3301, 0.3486
Android (android.graphics.Color)	4294965219 (0xFFFFF7E3)
YUV	247.1120, -9.9152, 6.9178
Hunter-Lab	96.6062, -5.7866, 14.8255

Details

The XYZ color **88.3659, 93.3276, 86.0297** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4362, 82.9654, 106.4349**, and the grayscale version is **88.5729, 93.1855, 101.4791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3659, 52.2459, 46.5123** is the 20% darker color. If you saturate the color by 10%, you get **82.9212, 87.6595, 68.1179**, and if you desaturate by 10%, it is **94.4232, 99.3859, 106.7198**.

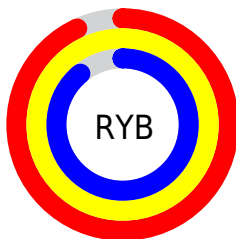
Distribution



Red (100%)

Green (97%)

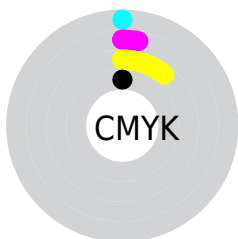
Blue (89%)



Red (93%)

Yellow (100%)

Blue (89%)

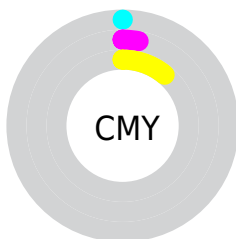


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3659, 93.3276, 86.0297 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 88.3659, 93.3276, 86.0297 by changing the saturation by 10% instead.

88.3659, 93.3276,
86.0297

88.3659, 93.3276,
86.0297

511.0182,
538.7970, 535.2623

66.9579, 70.7438,
64.1375

143.9564,
151.9521, 143.6978

49.3210, 52.1332,
46.3152

178.8696,
188.7616, 180.3109

35.0898, 37.1112,
32.1441

219.0153,
231.0818, 222.6679

23.8989, 25.2936,
21.2059

264.7588,
279.2971, 271.1875

15.3830, 16.2960,
13.0819

316.4655,
333.7918, 326.2882

9.1767, 9.7338,
7.3536

374.5007,

4.9146, 5.2228,

394.9505, 388.3886

3.6024

439.2299,
463.1574, 457.9071

■ 2.2315, 2.3786,
1.4099

■ 0.7593, 0.8148,
0.1494

■ 88.3659, 93.3276,
86.0297

■ 88.3659, 93.3276,
86.0297

■ 82.9212, 87.6595,
68.1179

94.4232, 99.3859,
106.7198

■ 78.0588, 82.3589,
52.8580

95.0500, 100.0000,
108.9000

■ 73.7553, 77.4177,
40.1223

■ 69.9832, 72.8235,
29.7705

■ 66.7121, 68.5623,
21.6483

■ 63.9084, 64.6191,
15.5833

■ 61.5335, 60.9767,
11.3774

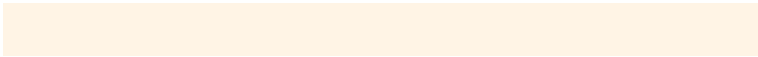
■ 59.5411, 57.6148,
8.7933

■ 58.0079, 54.7958,
7.5193

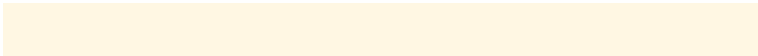
Harmonies

Analogous

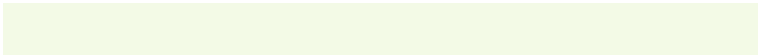
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3099, 93.3276, 87.5773



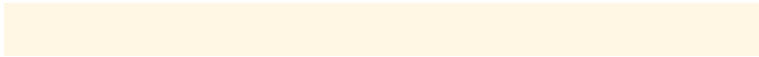
88.3659, 93.3276, 86.0297



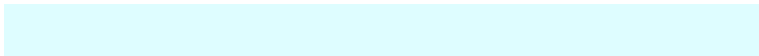
85.5747, 93.3276, 88.4611

Triad

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



88.3659, 93.3276, 86.0297



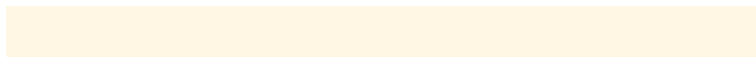
83.9836, 93.3276, 110.9634



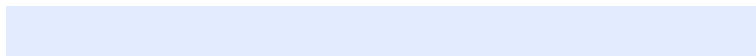
93.9528, 93.3276, 109.1866

Complementary

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



88.3659, 93.3276, 86.0297



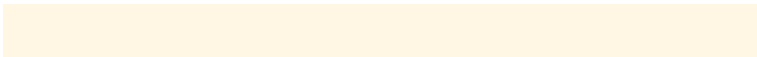
79.4362, 82.9654, 106.4349

Split Complementary

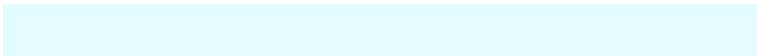
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9109, 93.3276, 116.0185



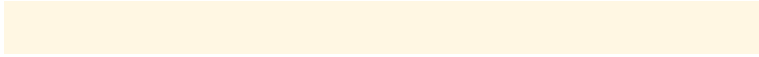
88.3659, 93.3276, 86.0297



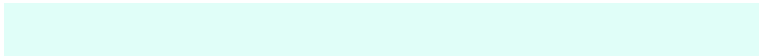
86.1503, 93.3276, 117.0843

Square

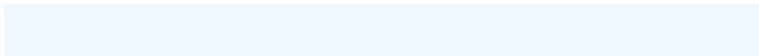
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3659, 93.3276, 86.0297



83.0806, 93.3276, 102.5936



89.0451, 93.3276, 118.9838



94.5778, 93.3276, 100.6484

Rectangle

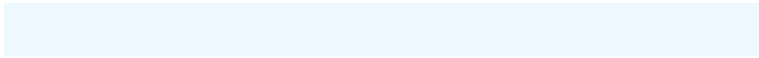
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3659, 93.3276, 86.0297



84.1636, 93.3276, 92.0960



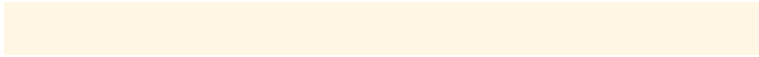
89.0451, 93.3276, 118.9838



93.4071, 93.3276, 111.7745

Sweetspot

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



88.3681, 93.3315, 86.0317



93.1497, 98.1314, 102.3109



83.7631, 82.2206, 90.3570



19.8312, 20.8985, 21.5312



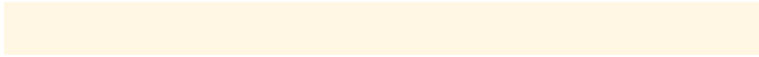
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.3681, 93.3315, 86.0317



87.2193, 92.1551, 82.1926



88.8352, 97.2795, 86.7691



19.0973, 20.1627, 19.0296



30.4442, 28.8997, 3.9736



3.0576, 3.0005, 0.4180

Inverse Universe

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



79.4362, 82.9654, 106.4349



76.7923, 80.0541, 106.0123



78.9939, 79.4158, 105.7731



17.4253, 18.2223, 22.8488



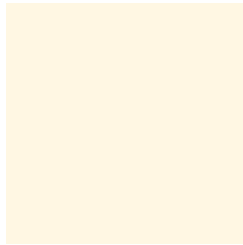
10.7790, 6.4675, 50.1148



1.1379, 0.8065, 4.9090

Previews

White Background



This preview shows how the XYZ color 88.3659, 93.3276, 86.0297 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 88.3659, 93.3276, 86.0297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

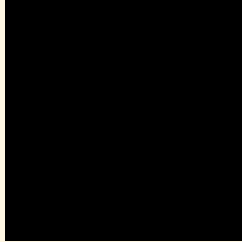
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3659, 93.3276, 86.0297

Background



This preview shows how black text looks on a background with the XYZ color 88.3659, 93.3276, 86.0297.

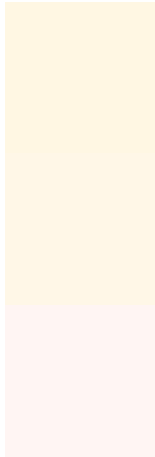


This preview shows how white text looks on a background with the XYZ color 88.3659, 93.3276,

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

88.3659, 93.3276, 86.0297

Protanopia

88.9246, 93.5511, 88.9716

Deuteranopia

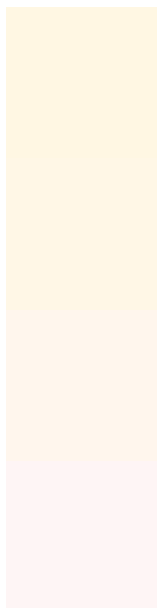
90.0701, 93.0359, 98.0045



Tritanopia

91.2737, 92.9922, 107.7464

Trichromacy



Original Color

88.3659, 93.3276, 86.0297

Protanomaly

88.7837, 93.4947, 88.2298

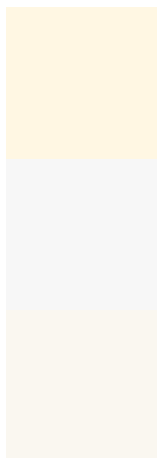
Deuteranomaly

89.4818, 93.2860, 93.4106

Tritanomaly

90.0069, 92.9682, 99.5870

Monochromacy



Original Color

88.3659, 93.3276, 86.0297

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4133, 93.1368, 95.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3659, 93.3276, 86.0297 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(255, 247, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 227)  
}
```

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(255, 247, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 227) }
```

Border

The CSS property to change the border of an element to XYZ 88.3659, 93.3276, 86.0297 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(255, 247, 227) }
```


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

```
.border{ border-color:rgb(255, 247, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3659, 93.3276, 86.0297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 227) }
```

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

```
.background{ background-color: rgb(255,  
247, 227) }
```

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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