

Converting Colors

XYZ(88.3271, 93.1329, 95.7326)

Have a look what the booklet for
XYZ(88.3271, 93.1329, 95.7326)
contains.

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Color

**XYZ(88.4133, 93.1368,
95.7554)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF7F0
RGB	250, 247, 240
RGB Percent	98%, 97%, 94%
CMY	0.0196, 0.0313, 0.0588
CMYK	0.00, 0.01, 0.04, 0.02
HSL	42°, 50%, 96%
HSV	42°, 4%, 98%
XYZ	88.4133, 93.1368, 95.7554
YIQ	247.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

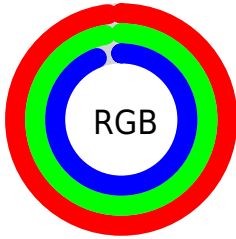
Format	Color
R_{YB}	244, 250, 240
Decimal	16447472
CIE _{Lab}	97.28, -0.20, 3.70
CIE _{LCh}	97, 3.706, 93.142
Yxy	93.1368, 0.3188, 0.3359
Android (android.graphics.Color)	4294637552 (0xFFFAF7F0)
YUV	247.0990, -3.4998, 2.5442
Hunter-Lab	96.5074, -5.3588, 8.7272

Details

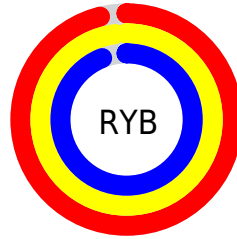
The XYZ color 88.4133, 93.1368, 95.7554 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.2411, 89.5273, 103.2315, and the grayscale version is 88.5161, 93.1259, 101.4141.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5307, 52.1916, 52.8108 is the 20% darker color. If you saturate the color by 10%, you get 82.7089, 87.2668, 76.7760, and if you desaturate by 10%, it is 93.0740, 98.7424, 108.7614.

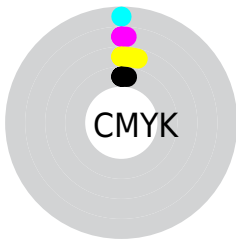
Distribution



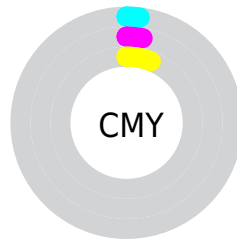
- Red (98%)
- Green (97%)
- Blue (94%)



- Red (96%)
- Yellow (98%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4133, 93.1368, 95.7554 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 88.4133, 93.1368, 95.7554 by changing the saturation by 10% instead.


 88.4133, 93.1368,
95.7554

 88.4133, 93.1368,
95.7554


511.1709,
538.1828, 567.6265

 66.9973, 70.5852,
72.1635

144.0220,
151.6880, 157.3124

 49.3531, 52.0038,
52.8046


178.9455,
188.4564, 196.1145

 35.1154, 37.0081,
37.2601


219.1021,
230.7325, 240.8238

 23.9187, 25.2137,
25.1116

264.8573,
278.9007, 291.8588

 15.3977, 16.2364,
15.9405

316.5765,
333.3455, 349.6380

 9.1871, 9.6916,
9.3281

374.6249,

 4.9215, 5.1949,

394.4512, 414.5800

4.8561

439.3679,
462.6021, 487.1033

■ 2.2356, 2.3621,
2.1058

■ 0.7614, 0.8063,
0.6192

■ 88.4133, 93.1368,
95.7554

■ 88.4133, 93.1368,
95.7554

■ 82.7089, 87.2668,
76.7760

■ 93.0740, 98.7424,
108.7614

■ 77.5838, 81.7711,
60.4103

■ 93.2349, 99.0643,
108.8151

■ 73.0173, 76.6425,
46.5430

■ 68.9844, 71.8693,
35.0477

■ 65.4578, 67.4389,
25.7870

■ 62.4079, 63.3375,
18.6092

■ 59.8009, 59.5497,
13.3435

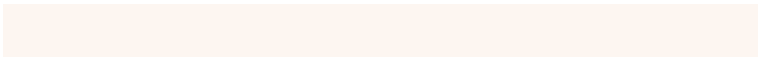
■ 57.5982, 56.0582,
9.7921

■ 55.7528, 52.8422,
7.7130

Harmonies

Analogous

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



89.4374, 93.1368, 96.3475



88.4133, 93.1368, 95.7554



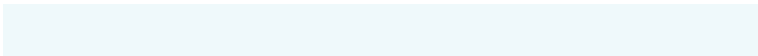
87.4264, 93.1368, 96.6536

Triad

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



88.4133, 93.1368, 95.7554



86.8469, 93.1368, 104.5986



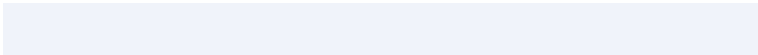
90.3339, 93.1368, 104.0402

Complementary

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



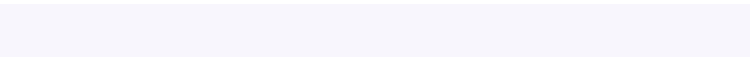
88.4133, 93.1368, 95.7554



85.2411, 89.5273, 103.2315

Split Complementary

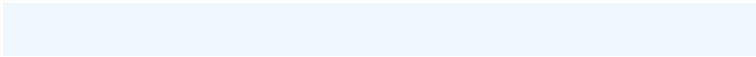
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6302, 93.1368, 106.3202



88.4133, 93.1368, 95.7554



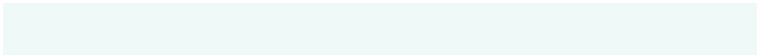
87.6164, 93.1368, 106.6471

Square

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



88.4133, 93.1368, 95.7554



86.5266, 93.1368, 101.7269



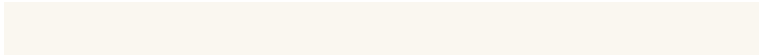
88.6343, 93.1368, 107.2832



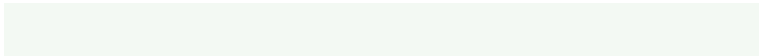
90.5514, 93.1368, 101.0941

Rectangle

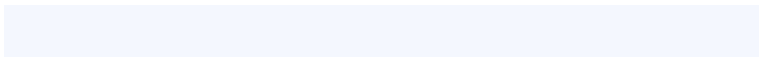
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



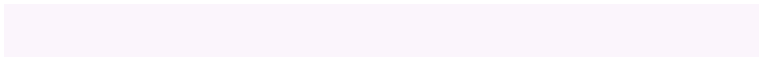
88.4133, 93.1368, 95.7554



86.9209, 93.1368, 97.9872



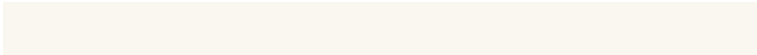
88.6343, 93.1368, 107.2832



90.1461, 93.1368, 104.9118

Sweetspot

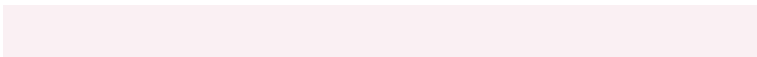
The Sweet Spot groups the original color and five complimentary colors.



88.4159, 93.1408, 95.7574



94.3989, 99.3504, 106.6710



86.7634, 89.1167, 97.4237



20.2121, 21.2719, 22.8555



0.0000, 0.0000, 0.0000



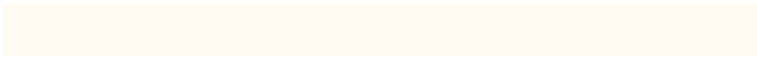
20.3446, 21.4041, 23.3091

Same Dimension

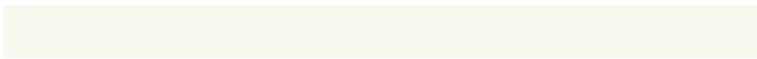
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4159, 93.1408, 95.7574



91.8582, 96.7931, 98.0429



88.6264, 94.6202, 96.0319



18.7341, 19.7439, 19.7932



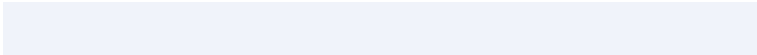
29.1868, 27.3302, 3.7369



2.7959, 2.7166, 0.3770

Inverse Universe

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



85.2411, 89.5273, 103.2315



87.7307, 92.0952, 107.7600



85.0347, 88.1010, 102.9671



17.7759, 18.6534, 22.0489



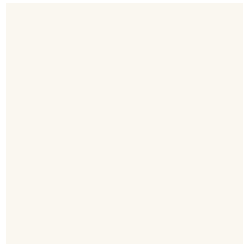
10.5926, 6.5407, 48.6778



1.0694, 0.7826, 4.5379

Previews

White Background



This preview shows how the XYZ color 88.4133, 93.1368, 95.7554 looks on a white background.

Color Contrast Check

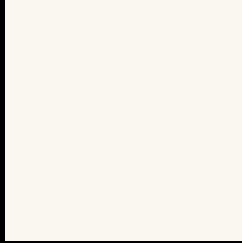
Large Text (above 18pt) WCAG AA × Fail

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 88.4133, 93.1368, 95.7554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

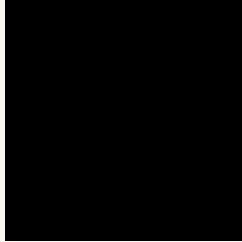
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.4133, 93.1368, 95.7554

Background



This preview shows how black text looks on a background with the XYZ color 88.4133, 93.1368, 95.7554.



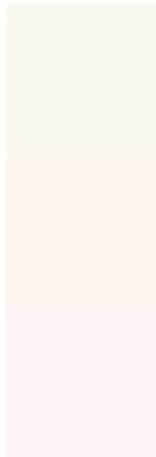
This preview shows how white text looks on a background with the XYZ color 88.4133, 93.1368, 95.7554.

95.7 54.

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

88.4133, 93.1368, 95.7554

Protanopia

89.0438, 93.0262, 94.9241

Deuteranopia

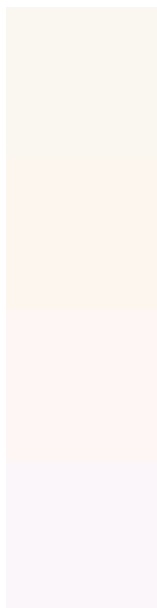
90.5270, 93.2186, 100.4105



Tritanopia

90.1267, 92.8488, 107.7792

Trichromacy



Original Color

88.4133, 93.1368, 95.7554

Protanomaly

88.6806, 92.8390, 94.9071

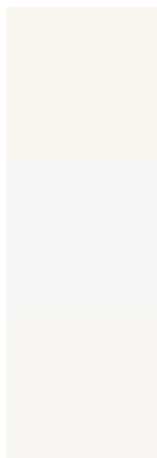
Deuteranomaly

89.7929, 93.3258, 98.8690

Tritanomaly

89.6354, 93.1377, 103.6956

Monochromacy



Original Color

88.4133, 93.1368, 95.7554

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.3013, 93.0096, 98.8866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4133, 93.1368, 95.7554 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(250, 247, 240) looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 240)  
}
```

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(250, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.4133, 93.1368, 95.7554 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(250, 247, 240) }
```


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

```
.border{ border-color:rgb(250, 247, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4133, 93.1368, 95.7554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 240) }
```

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

```
.background{ background-color: rgb(250,  
247, 240) }
```

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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