

Converting Colors

XYZ(88.3391, 93.7883, 89.0490)

Have a look what the booklet for
XYZ(88.3391, 93.7883, 89.0490)
contains.

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Color

**XYZ(88.1361, 93.5998,
89.0226)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF8E7
RGB	252, 248, 231
RGB Percent	99%, 97%, 91%
CMY	0.0118, 0.0274, 0.0941
CMYK	0.00, 0.02, 0.08, 0.01
HSL	49°, 78%, 95%
HSV	49°, 8%, 99%
XYZ	88.1361, 93.5998, 89.0226
YIQ	247.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

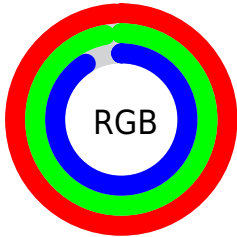
Format	Color
R_{YB}	236, 252, 231
Decimal	16578791
CIE Lab	97.47, -1.52, 8.62
CIE LCh	97, 8.757, 100.006
Yxy	93.5998, 0.3255, 0.3457
Android (android.graphics.Color)	4294768871 (0xFFFCF8E7)
YUV	247.2580, -8.0152, 4.1587
Hunter-Lab	96.7470, -6.6945, 13.1667

Details

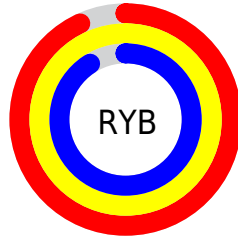
The XYZ color 88.1361, 93.5998, 89.0226 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.2339, 83.4324, 103.9717, and the grayscale version is 88.6789, 93.2971, 101.6006.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.0932, 52.3965, 48.0835 is the 20% darker color. If you saturate the color by 10%, you get 83.3759, 89.3704, 71.1221, and if you desaturate by 10%, it is 93.2576, 98.0402, 108.6162.

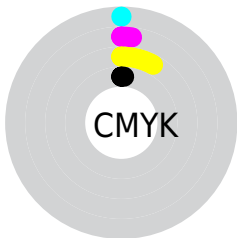
Distribution



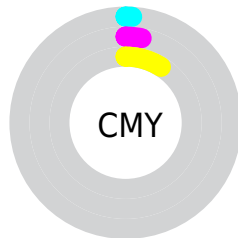
- Red (99%)
- Green (97%)
- Blue (91%)



- Red (93%)
- Yellow (99%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1361, 93.5998, 89.0226 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 88.1361, 93.5998, 89.0226 by changing the saturation by 10% instead.

88.1361, 93.5998,
89.0226

88.1361, 93.5998,
89.0226

510.2776,
539.6726, 545.3341

66.7670, 70.9701,
66.6011

143.6382,
152.3288, 147.9036

49.1653, 52.3178,
48.3010

178.5018,
189.1968, 185.2003

34.9657, 37.2585,
33.7036

218.5943,
231.5798, 228.2924

23.8028, 25.4077,
22.3905

264.2811,
279.8622, 277.5985

15.3114, 16.3811,
13.9431

315.9274,
334.4282, 333.5372

9.1259, 9.7942,
7.9428

373.8987,

4.8812, 5.2627,

395.6624, 396.5270

3.9711

438.5603,
463.9490, 466.9865

■ 2.2118, 2.4022,
1.6095

■ 0.7489, 0.8270,
0.2976

■ 88.1361, 93.5998,
89.0226

■ 88.1361, 93.5998,
89.0226

■ 83.3759, 89.3704,
71.1221

■ 93.2576, 98.0402,
108.6162

■ 79.1413, 85.4082,
55.8163

■ 93.9553, 99.4357,
108.8488

■ 75.4113, 81.7073,
42.9839

■ 72.1602, 78.2571,
32.4919

■ 69.3603, 75.0459,
24.1946

■ 66.9804, 72.0608,
17.9298

■ 64.9852, 69.2873,
13.5132

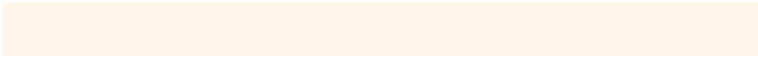
■ 63.3330, 66.7082,
10.7265

■ 61.9658, 64.2998,
9.2658

Harmonies

Analogous

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



90.6077, 93.5998, 89.5873



88.1361, 93.5998, 89.0226



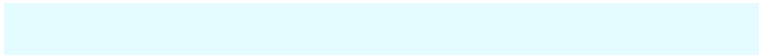
85.9271, 93.5998, 91.7871

Triad

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



88.1361, 93.5998, 89.0226



85.3536, 93.5998, 110.9676



93.5302, 93.5998, 106.6655

Complementary

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



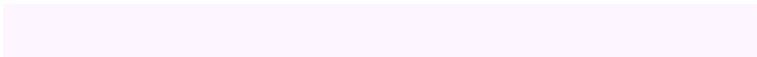
88.1361, 93.5998, 89.0226



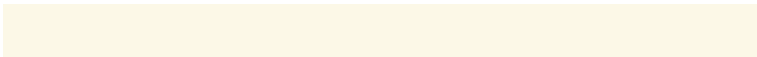
80.2339, 83.4324, 103.9717

Split Complementary

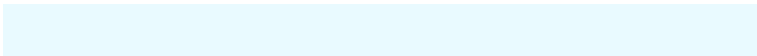
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0712, 93.5998, 112.7603



88.1361, 93.5998, 89.0226



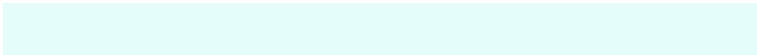
87.3399, 93.5998, 115.3232

Square

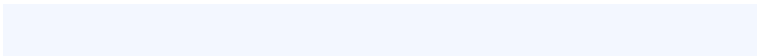
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



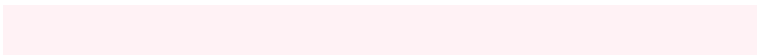
88.1361, 93.5998, 89.0226



84.3405, 93.5998, 104.3107



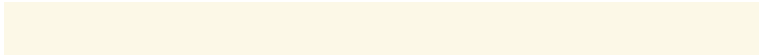
89.7967, 93.5998, 115.9941



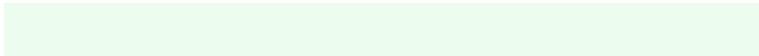
93.7530, 93.5998, 99.5548

Rectangle

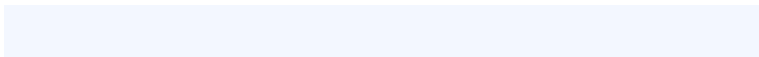
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1361, 93.5998, 89.0226



84.8891, 93.5998, 95.2249



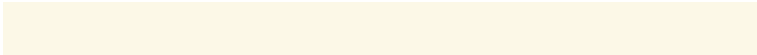
89.7967, 93.5998, 115.9941



93.1668, 93.5998, 108.9098

Sweetspot

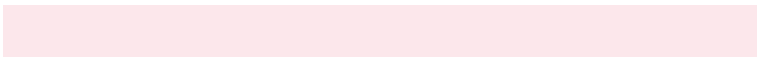
The Sweet Spot groups the original color and five complimentary colors.



88.1387, 93.6039, 89.0246



93.9309, 99.0584, 104.5298



83.7463, 83.8583, 90.5225



20.1168, 21.2125, 22.4194



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.



88.1387, 93.6039, 89.0246



89.6846, 95.4088, 88.1842



87.1362, 94.9300, 89.3334



18.4303, 19.5964, 18.2735



32.2706, 33.4978, 4.7649



3.0586, 3.2420, 0.4646

Inverse Universe

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



80.2339, 83.4324, 103.9717



80.0458, 83.0062, 106.4107



81.1732, 82.2377, 103.6916



16.5502, 17.1773, 21.8285



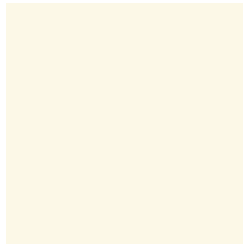
9.7806, 4.9168, 48.4071



0.9749, 0.5935, 4.5063

Previews

White Background



This preview shows how the XYZ color 88.1361, 93.5998, 89.0226 looks on a white background.

Color Contrast Check

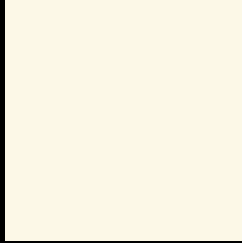
Large Text (above 18pt) WCAG AA × Fail

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 88.1361, 93.5998, 89.0226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

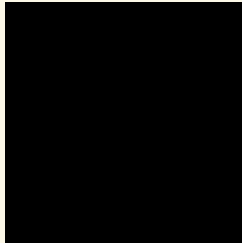
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1361, 93.5998, 89.0226

Background



This preview shows how black text looks on a background with the XYZ color 88.1361, 93.5998, 89.0226.

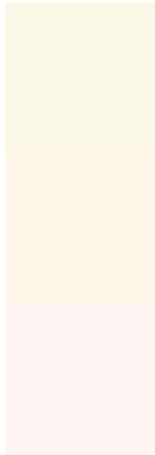


This preview shows how white text looks on a background with the XYZ color 88.1361, 93.5998,

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

88.1361, 93.5998, 89.0226

Protanopia

89.2087, 93.6647, 90.4681

Deuteranopia

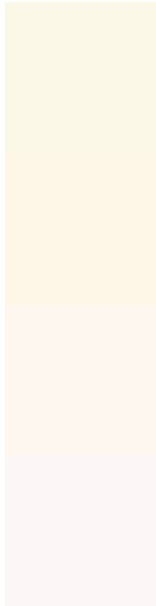
90.5249, 93.7032, 98.9033



Tritanopia

91.1507, 93.8270, 107.9140

Trichromacy



Original Color

88.1361, 93.5998, 89.0226

Protanomaly

88.6993, 93.4186, 89.7006

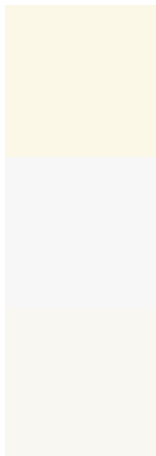
Deuteranomaly

89.7138, 93.8244, 95.0428

Tritanomaly

90.0402, 93.8708, 100.5620

Monochromacy



Original Color

88.1361, 93.5998, 89.0226

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2049, 93.0121, 96.5233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1361, 93.5998, 89.0226 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(252, 248, 231) looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 231)  
}
```

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(252, 248, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 231) }
```

Border

The CSS property to change the border of an element to XYZ 88.1361, 93.5998, 89.0226 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(252, 248, 231) }
```


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

```
.border{ border-color:rgb(252, 248, 231) }
```

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

Here you see how a box with a 4 pixel rgb(252, 248, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 248, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 248, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 248,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1361, 93.5998, 89.0226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 231) }
```

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

```
.background{ background-color: rgb(252,  
248, 231) }
```

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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