

Converting Colors

XYZ(88.3056, 93.7517, 86.1147)

Have a look what the booklet for XYZ(88.3056, 93.7517, 86.1147) contains.

- XYZ(88.3056, 93.7517, 86.1147) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(88.3056, 93.7517,
86.1147)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF8E3
RGB	254, 248, 227
RGB Percent	100%, 97%, 89%
CMY	0.0039, 0.0274, 0.1098
CMYK	0.00, 0.02, 0.11, 0.00
HSL	47°, 93%, 94%
HSV	47°, 11%, 100%
XYZ	88.3056, 93.7517, 86.1147
YIQ	247.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

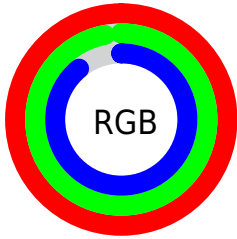
Format	Color
R_{YB}	235, 254, 227
Decimal	16709859
CIE Lab	97.53, -1.47, 10.79
CIE LCh	98, 10.888, 97.778
Yxy	93.7517, 0.3293, 0.3496
Android (android.graphics.Color)	4294899939 (0xFFFEF8E3)
YUV	247.4000, -10.0572, 5.7882
Hunter-Lab	96.8255, -6.6511, 15.0464

Details

The XYZ color **88.3056, 93.7517, 86.1147** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.7067, 81.7630, 105.4004**, and the grayscale version is **88.8093, 93.4343, 101.7499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3220, 52.5481, 46.5730** is the 20% darker color. If you saturate the color by 10%, you get **83.3483, 89.0390, 68.4235**, and if you desaturate by 10%, it is **93.8375, 98.7840, 106.5512**.

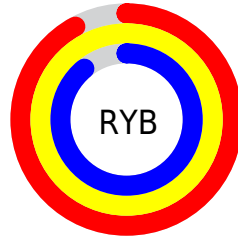
Distribution



Red (100%)

Green (97%)

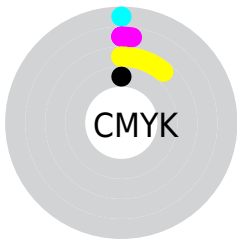
Blue (89%)



Red (92%)

Yellow (100%)

Blue (89%)

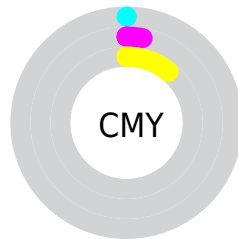


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3056, 93.7517, 86.1147 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 88.3056, 93.7517, 86.1147 by changing the saturation by 10% instead.

88.3056, 93.7517,
86.1147

88.3056, 93.7517,
86.1147

510.8239,
540.1609, 535.5498

66.9078, 71.0965,
64.2074

143.8729,
152.5389, 143.8175

49.2801, 52.4209,
46.3714

178.7731,
189.4396, 180.4501

35.0572, 37.3407,
32.1882

218.9049,
231.8577, 222.8281

23.8737, 25.4714,
21.2393

264.6335,
280.1774, 271.3702

15.3642, 16.4286,
13.1061

316.3244,
334.7832, 326.4949

9.1633, 9.8279,
7.3701

374.3428,

4.9058, 5.2850,

396.0594, 388.6207

3.6127

439.0542,
464.3905, 458.1662

■ 2.2263, 2.4155,
1.4153

■ 0.7565, 0.8338,
0.1536

■ 88.3056, 93.7517,
86.1147

■ 88.3056, 93.7517,
86.1147

■ 83.3483, 89.0390,
68.4235

■ 93.8375, 98.7840,
106.5512

■ 78.9350, 84.6237,
53.3527

■ 94.6835, 99.8110,
108.8828

■ 75.0434, 80.4993,
40.7764

■ 71.6470, 76.6543,
30.5563

■ 68.7163, 73.0763,
22.5403

■ 66.2187, 69.7513,
16.5585

■ 64.1167, 66.6638,
12.4161

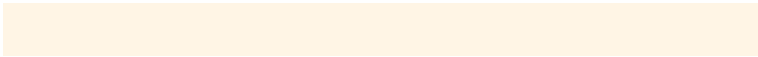
■ 62.3656, 63.7948,
9.8799

■ 60.9768, 61.2778,
8.6140

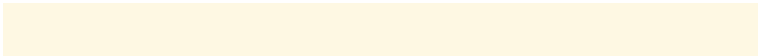
Harmonies

Analogous

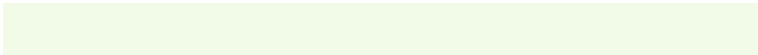
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3767, 93.7517, 87.1082



88.3056, 93.7517, 86.1147



85.5138, 93.7517, 89.1988

Triad

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



88.3056, 93.7517, 86.1147



84.4891, 93.7517, 112.8750



94.7287, 93.7517, 108.6586

Complementary

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



88.3056, 93.7517, 86.1147



78.7067, 81.7630, 105.4004

Split Complementary

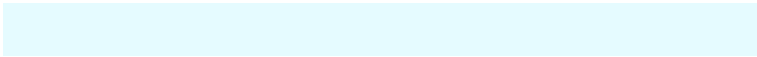
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8019, 93.7517, 116.1444



88.3056, 93.7517, 86.1147



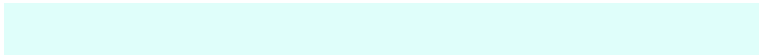
86.8775, 93.7517, 118.6752

Square

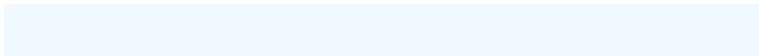
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3056, 93.7517, 86.1147



83.3438, 93.7517, 104.4025



89.9156, 93.7517, 119.9051



95.1324, 93.7517, 99.7915

Rectangle

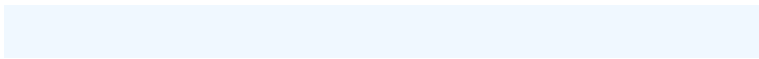
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3056, 93.7517, 86.1147



84.1703, 93.7517, 93.2635



89.9156, 93.7517, 119.9051



94.2355, 93.7517, 111.4347

Sweetspot

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



88.3082, 93.7558, 86.1167



93.3031, 98.4380, 102.3620



83.0942, 81.9107, 88.7477



19.8727, 20.9815, 21.5450



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.



88.3082, 93.7558, 86.1167



87.8613, 93.4391, 82.4066



87.5953, 96.1686, 86.6200



19.1990, 20.3661, 19.0635



32.2622, 32.5356, 4.5796



3.2215, 3.3283, 0.4726

Inverse Universe

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



78.7067, 81.7630, 105.4004



76.2059, 78.8812, 105.8169



79.3571, 79.6216, 104.9528



17.3300, 18.0317, 22.8170



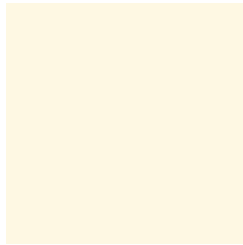
10.2761, 5.4617, 49.9472



1.0774, 0.6856, 4.8888

Previews

White Background



This preview shows how the XYZ color 88.3056, 93.7517, 86.1147 looks on a white background.

Color Contrast Check

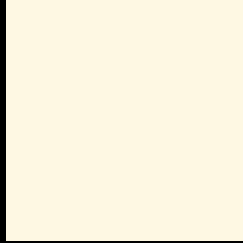
Large Text (above 18pt) WCAG AA × Fail

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 88.3056, 93.7517, 86.1147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

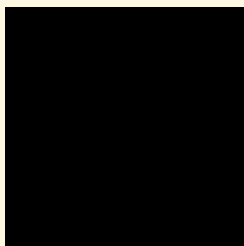
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3056, 93.7517, 86.1147

Background



This preview shows how black text looks on a background with the XYZ color 88.3056, 93.7517, 86.1147.



This preview shows how white text looks on a background with the XYZ color 88.3056, 93.7517,

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

88.3056, 93.7517, 86.1147

Protanopia

89.0663, 93.6077, 89.7177

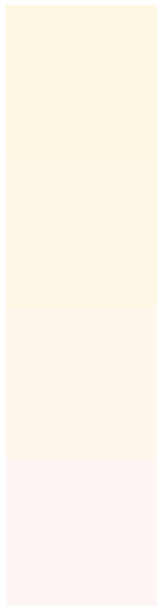
Deuteranopia

90.5249, 93.7032, 98.9033

Tritanopia

91.2104, 93.4075, 107.8299

Trichromacy



Original Color

88.3056, 93.7517, 86.1147

Protanomaly

88.7837, 93.4947, 88.2298

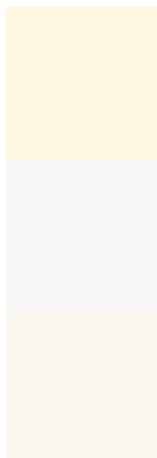
Deuteranomaly

89.9334, 93.9546, 94.2840

Tritanomaly

89.9452, 93.3868, 99.6710

Monochromacy



Original Color

88.3056, 93.7517, 86.1147

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 88.3056, 93.7517, 86.1147 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(254, 248, 227) looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 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(254, 248, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 227) }
```

Border

The CSS property to change the border of an element to XYZ 88.3056, 93.7517, 86.1147 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(254, 248, 227) }
```


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

```
.border{ border-color:rgb(254, 248, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3056, 93.7517, 86.1147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 227) }
```

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

```
.background{ background-color: rgb(254,  
248, 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](#).

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