

Converting Colors

XYZ(86.9293, 92.5551, 88.0784)

Have a look what the booklet for
XYZ(86.9293, 92.5551, 88.0784)
contains.

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Color

**XYZ(86.9680, 92.5587,
88.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF7E6
RGB	250, 247, 230
RGB Percent	98%, 97%, 90%
CMY	0.0196, 0.0313, 0.0980
CMYK	0.00, 0.01, 0.08, 0.02
HSL	51°, 67%, 94%
HSV	51°, 8%, 98%
XYZ	86.9680, 92.5587, 88.1448
YIQ	245.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

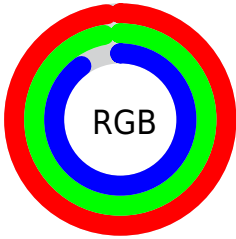
Format	Color
R_{YB}	234, 250, 230
Decimal	16447462
CIE _{Lab}	97.05, -1.86, 8.51
CIE _{LCh}	97, 8.714, 102.358
Yxy	92.5587, 0.3249, 0.3458
Android (android.graphics.Color)	4294637542 (0xFFFAF7E6)
YUV	245.9590, -7.8678, 3.5440
Hunter-Lab	96.2074, -7.0055, 13.0240

Details

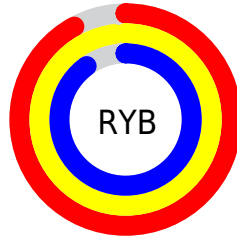
The XYZ color **86.9680, 92.5587, 88.1448** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0272, 82.0015, 102.1061**, and the grayscale version is **87.6240, 92.1872, 100.3919**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3610, 51.6942, 47.9865** is the 20% darker color. If you saturate the color by 10%, you get **82.5735, 88.9903, 70.5834**, and if you desaturate by 10%, it is **91.8938, 96.3824, 108.3681**.

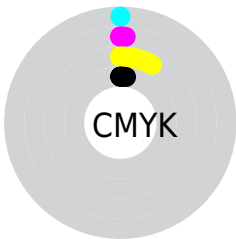
Distribution



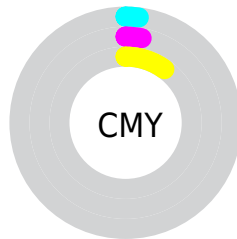
- Red (98%)
- Green (97%)
- Blue (90%)



- Red (92%)
- Yellow (98%)
- Blue (90%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.9680, 92.5587, 88.1448 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 86.9680, 92.5587, 88.1448 by changing the saturation by 10% instead.

86.9680, 92.5587,
88.1448

86.9680, 92.5587,
88.1448

506.5038,
536.3195, 542.3909

65.7967, 70.1048,
65.8780

142.0194,
150.8875, 146.6716

48.3745, 51.6120,
47.7175

176.6302,
187.5312, 183.7687

34.3360, 36.6959,
33.2448

216.4516,
229.6735, 226.6464

23.3160, 24.9721,
22.0414

261.8488,
277.6990, 275.7230

14.9490, 16.0563,
13.6887

313.1873,
331.9919, 331.4172

8.8697, 9.5640,
7.7682

370.8324,

4.7127, 5.1108,

392.9367, 394.1476

3.8614

435.1495,
460.9178, 464.3327

■ 2.1127, 2.3124,
1.5496

■ 0.6961, 0.7803,
0.2545

■ 86.9680, 92.5587,
88.1448

■ 86.9680, 92.5587,
88.1448

■ 82.5735, 88.9903,
70.5834

■ 91.8938, 96.3824,
108.3681

■ 78.6816, 85.6566,
55.5673

■ 93.0735, 98.7416,
108.7613

■ 75.2718, 82.5520,
42.9779

■ 93.2347, 99.0642,
108.8150

■ 72.3194, 79.6665,
32.6851

■ 69.7970, 76.9889,
24.5466

■ 67.6746, 74.5071,
18.4041

■ 65.9178, 72.2070,
14.0777

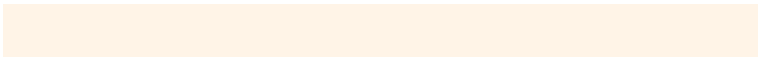
■ 64.4862, 70.0722,
11.3549

■ 63.3248, 68.0805,
9.9469

Harmonies

Analogous

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



89.4125, 92.5587, 88.4401



86.9680, 92.5587, 88.1448



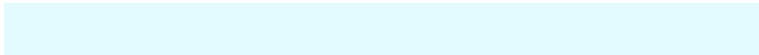
84.8324, 92.5587, 91.1184

Triad

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



86.9680, 92.5587, 88.1448



84.5324, 92.5587, 110.1652



92.5492, 92.5587, 104.9332

Complementary

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



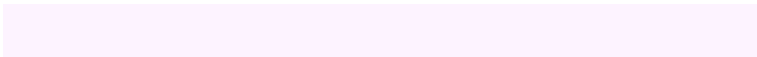
86.9680, 92.5587, 88.1448



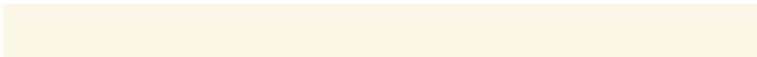
79.0272, 82.0015, 102.1061

Split Complementary

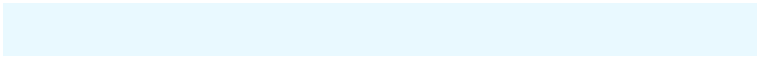
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1928, 92.5587, 111.1030



86.9680, 92.5587, 88.1448



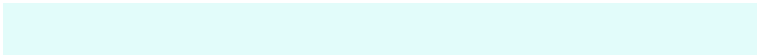
86.5515, 92.5587, 114.2189

Square

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



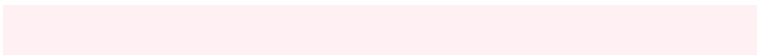
86.9680, 92.5587, 88.1448



83.4438, 92.5587, 103.7014



88.9883, 92.5587, 114.5699



92.6658, 92.5587, 97.9153

Rectangle

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



86.9680, 92.5587, 88.1448



83.8590, 92.5587, 94.6385



88.9883, 92.5587, 114.5699



92.2220, 92.5587, 107.1830

Sweetspot

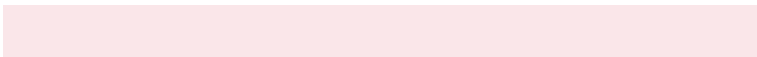
The Sweet Spot groups the original color and five complimentary colors.



86.9705, 92.5627, 88.1468



93.9965, 99.1895, 104.5516



82.4303, 82.8021, 88.7299



20.1302, 21.2392, 22.4239



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

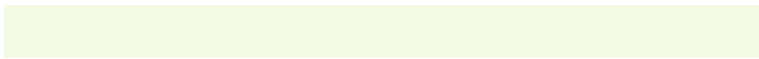
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9705, 92.5627, 88.1468



90.0066, 96.0528, 88.2915



85.4317, 93.1401, 88.3393



18.4929, 19.7217, 18.2944



33.5594, 36.0755, 5.1945



3.1664, 3.4576, 0.5005

Inverse Universe

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



79.0272, 82.0015, 102.1061



79.7521, 82.4188, 106.3128



80.4784, 81.5016, 101.9331



16.4928, 17.0624, 21.8094



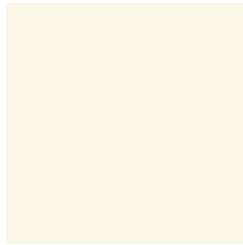
9.5742, 4.5039, 48.3383



0.9472, 0.5380, 4.4971

Previews

White Background



This preview shows how the XYZ color 86.9680, 92.5587, 88.1448 looks on a white background.

Color Contrast Check

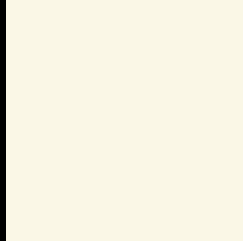
Large Text (above 18pt) WCAG AA × Fail

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 86.9680, 92.5587, 88.1448 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 86.9680, 92.5587, 88.1448

Background



This preview shows how black text looks on a background with the XYZ color 86.9680, 92.5587, 88.1448.

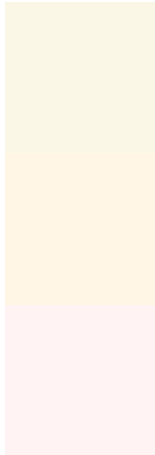


This preview shows how white text looks on a background with the XYZ color 86.9680, 92.5587,

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

86.9680, 92.5587, 88.1448

Protanopia

88.3386, 92.8287, 87.3905

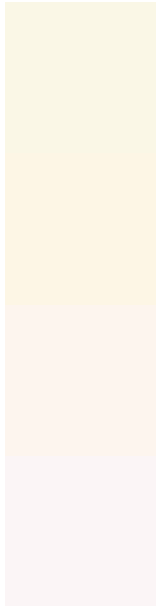
Deuteranopia

89.7683, 92.4324, 97.9040

Tritanopia

90.1843, 92.4306, 107.6954

Trichromacy



Original Color

86.9680, 92.5587, 88.1448

Protanomaly

87.6066, 92.4513, 87.3563

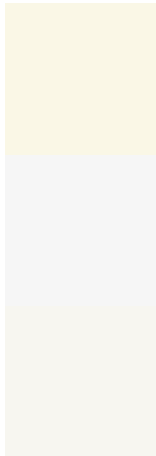
Deuteranomaly

88.5930, 92.3605, 94.0469

Tritanomaly

89.0706, 92.4679, 100.3423

Monochromacy



Original Color

86.9680, 92.5587, 88.1448

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.0417, 91.9770, 95.6038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9680, 92.5587, 88.1448 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, 230) looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 230) }
```

Border

The CSS property to change the border of an element to XYZ 86.9680, 92.5587, 88.1448 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, 230) }
```


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

```
.border{ border-color:rgb(250, 247, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9680, 92.5587, 88.1448 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, 230) }
```

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

```
.background{ background-color: rgb(250,  
247, 230) }
```

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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