

Converting Colors

XYZ(86.1825, 92.4403, 90.4886)

Have a look what the booklet for
XYZ(86.1825, 92.4403, 90.4886)
contains.

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Color

**XYZ(86.2814, 92.6108,
90.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F8E9
RGB	246, 248, 233
RGB Percent	96%, 97%, 91%
CMY	0.0353, 0.0274, 0.0863
CMYK	0.01, 0.00, 0.06, 0.03
HSL	68°, 52%, 94%
HSV	68°, 6%, 97%
XYZ	86.2814, 92.6108, 90.4190
YIQ	245.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

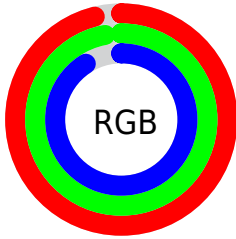
Format	Color
R _Y B	233, 248, 235
Decimal	16185577
CIE Lab	97.07, -3.24, 6.96
CIE LCh	97, 7.675, 114.946
Yxy	92.6108, 0.3204, 0.3439
Android (android.graphics.Color)	4294375657 (0xFFFF6F8E9)
YUV	245.6920, -6.2572, 0.2701
Hunter-Lab	96.2345, -8.3718, 11.6571

Details

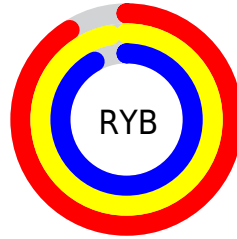
The XYZ color **86.2814, 92.6108, 90.4190** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.3468, 82.7199, 100.5436**, and the grayscale version is **87.3977, 91.9492, 100.1326**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0207, 51.8207, 49.0664** is the 20% darker color. If you saturate the color by 10%, you get **81.8336, 90.7016, 72.9985**, and if you desaturate by 10%, it is **90.7985, 94.5561, 108.0733**.

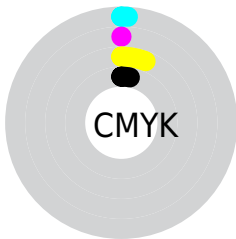
Distribution



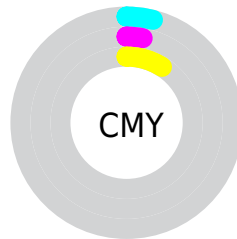
- Red (96%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2814, 92.6108, 90.4190 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 86.2814, 92.6108, 90.4190 by changing the saturation by 10% instead.

86.2814, 92.6108,
90.4190

86.2814, 92.6108,
90.4190

504.2787,
536.4876, 549.9981

65.2267, 70.1481,
67.7525

141.0669,
150.9597, 149.8609

47.9103, 51.6472,
49.2310

175.5285,
187.6146, 187.4734

33.9668, 36.7240,
34.4359

215.1897,
229.7690, 230.9049

23.0309, 24.9939,
22.9486

260.4160,
277.8073, 280.5742

14.7371, 16.0725,
14.3506

311.5727,
332.1140, 336.8995

8.7202, 9.5755,
8.2234

369.0251,

4.6148, 5.1184,

393.0733, 400.2996

4.1484

433.1387,
461.0697, 471.1930

■ 2.0555, 2.3169,
1.7071

■ 0.6648, 0.7826,
0.3656

■ 86.2814, 92.6108,
90.4190

■ 86.2814, 92.6108,
90.4190

■ 81.8336, 90.7016,
72.9985

■ 90.7985, 94.5561,
108.0733

■ 77.8813, 88.9900,
58.0907

■ 91.9921, 95.1714,
108.1292

■ 74.4048, 87.4710,
45.5813

■ 92.8592, 95.6185,
108.1697

■ 71.3801, 86.1352,
35.3446

■ 68.7811, 84.9720,
27.2438

■ 66.5789, 83.9698,
21.1270

■ 64.7408, 83.1156,
16.8227

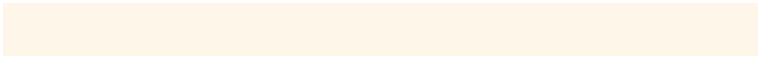
■ 63.2286, 82.3940,
14.1301

■ 61.9948, 81.7862,
12.8002

Harmonies

Analogous

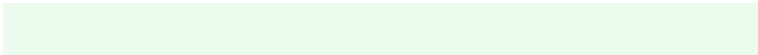
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3907, 92.6108, 89.4324



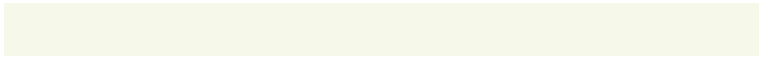
86.2814, 92.6108, 90.4190



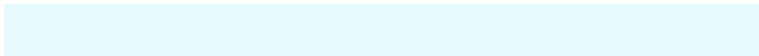
84.6631, 92.6108, 94.1501

Triad

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



86.2814, 92.6108, 90.4190



85.6567, 92.6108, 110.9051



92.2317, 92.6108, 101.8904

Complementary

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



86.2814, 92.6108, 90.4190



80.3468, 82.7199, 100.5436

Split Complementary

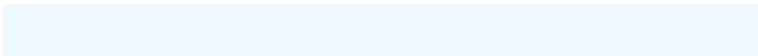
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4723, 92.6108, 107.8341



86.2814, 92.6108, 90.4190



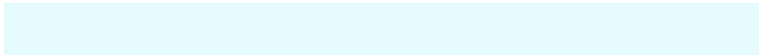
87.6579, 92.6108, 113.1730

Square

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



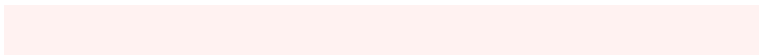
86.2814, 92.6108, 90.4190



84.3066, 92.6108, 105.9447



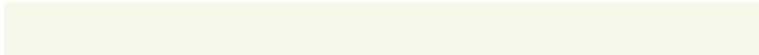
89.7895, 92.6108, 112.0269



91.8487, 92.6108, 95.8970

Rectangle

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



86.2814, 92.6108, 90.4190



84.0685, 92.6108, 97.7754



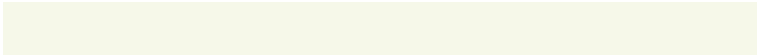
89.7895, 92.6108, 112.0269



92.1012, 92.6108, 103.9627

Sweetspot

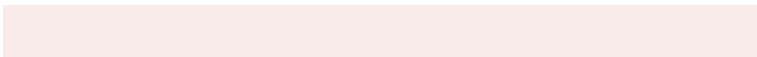
The Sweet Spot groups the original color and five complimentary colors.



86.2840, 92.6148, 90.4210



93.9894, 99.5468, 104.6210



83.1308, 85.2589, 89.1674



20.1287, 21.3119, 22.4380



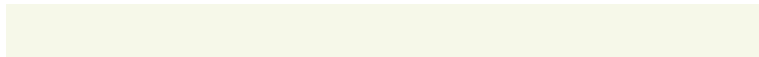
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

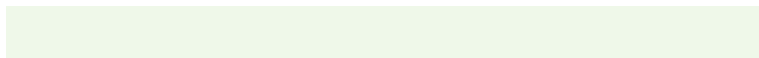
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2840, 92.6148, 90.4210



91.4360, 98.4537, 94.4200



83.7066, 91.2862, 90.3004



18.6757, 20.1477, 19.1104



33.3375, 44.1044, 6.7559



3.1489, 4.1164, 0.6286

Inverse Universe

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



80.3468, 82.7199, 100.5436



84.1551, 86.3192, 106.8336



82.8750, 84.0232, 100.6619



17.0650, 17.4632, 21.8566



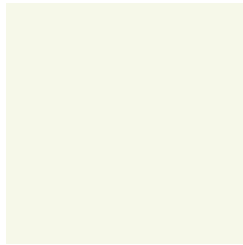
9.5589, 3.8705, 48.2168



0.9501, 0.3918, 4.4687

Previews

White Background



This preview shows how the XYZ color 86.2814, 92.6108, 90.4190 looks on a white background.

Color Contrast Check

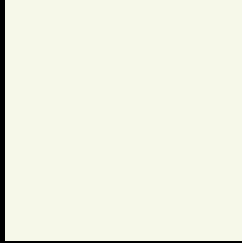
Large Text (above 18pt) WCAG AA × Fail

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 86.2814, 92.6108, 90.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

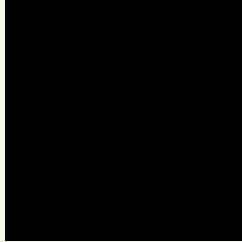
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

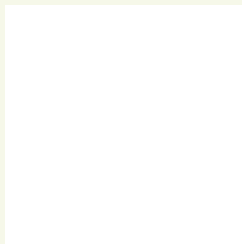
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2814, 92.6108, 90.4190

Background



This preview shows how black text looks on a background with the XYZ color 86.2814, 92.6108, 90.4190.

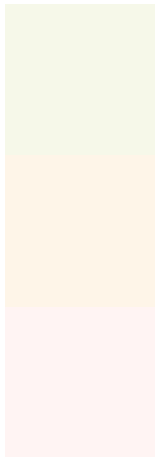


This preview shows how white text looks on a background with the XYZ color 86.2814, 92.6108,

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

86.2814, 92.6108, 90.4190

Protanopia

88.0909, 92.2018, 89.4978

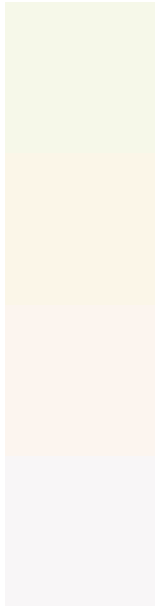
Deuteranopia

89.7683, 92.4324, 97.9040

Tritanopia

89.7693, 92.6646, 107.7624

Trichromacy



Original Color

86.2814, 92.6108, 90.4190

Protanomaly

87.3049, 92.2470, 89.5479

Deuteranomaly

88.3773, 92.2323, 94.8060

Tritanomaly

88.4557, 92.5834, 101.2040

Monochromacy



Original Color

86.2814, 92.6108, 90.4190

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.1440, 92.4652, 96.4737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2814, 92.6108, 90.4190 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(246, 248, 233) looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 233)  
}
```

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(246, 248, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 233) }
```

Border

The CSS property to change the border of an element to XYZ 86.2814, 92.6108, 90.4190 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(246, 248, 233) }
```


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

```
.border{ border-color:rgb(246, 248, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 248, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 248, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 248, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 248,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2814, 92.6108, 90.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 233) }
```

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

```
.background{ background-color: rgb(246,  
248, 233) }
```

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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