

Converting Colors

XYZ(86.5586, 92.8617, 89.1335)

Have a look what the booklet for
XYZ(86.5586, 92.8617, 89.1335)
contains.

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Color

**XYZ(86.3490, 92.6785,
88.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F8E7
RGB	247, 248, 231
RGB Percent	97%, 97%, 91%
CMY	0.0314, 0.0274, 0.0941
CMYK	0.00, 0.00, 0.07, 0.03
HSL	64°, 55%, 94%
HSV	64°, 7%, 97%
XYZ	86.3490, 92.6785, 88.9390
YIQ	245.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

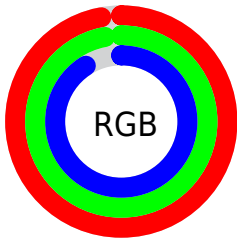
Format	Color
R_{YB}	231, 248, 232
Decimal	16251111
CIE Lab	97.10, -3.23, 8.04
CIE LCh	97, 8.663, 111.889
Yxy	92.6785, 0.3222, 0.3459
Android (android.graphics.Color)	4294441191 (0xFFFF7F8E7)
YUV	245.7630, -7.2782, 1.0848
Hunter-Lab	96.2697, -8.3665, 12.6135

Details

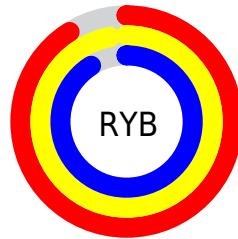
The XYZ color **86.3490, 92.6785, 88.9390** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8015, 81.0875, 100.3100**, and the grayscale version is **87.4623, 92.0172, 100.2067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0734, 51.8708, 48.0358** is the 20% darker color. If you saturate the color by 10%, you get **82.5777, 91.1135, 71.7552**, and if you desaturate by 10%, it is **90.4963, 94.4004, 108.0592**.

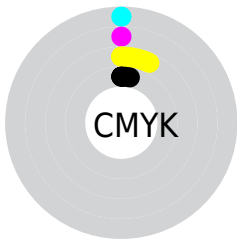
Distribution



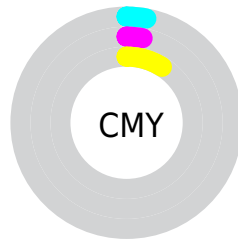
- Red (97%)
- Green (97%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3490, 92.6785, 88.9390 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 86.3490, 92.6785, 88.9390 by changing the saturation by 10% instead.


 86.3490, 92.6785,
88.9390

 86.3490, 92.6785,
88.9390


504.4980,
536.7059, 545.0542

 65.2828, 70.2043,
66.5322


141.1607,
151.0534, 147.7863

 47.9560, 51.6931,
48.2454


175.6370,
187.7230, 185.0640

 34.0032, 36.7605,
33.6599


215.3141,
229.8931, 228.1358

 23.0589, 25.0221,
22.3572

260.5572,
277.9481, 277.4201

 14.7580, 16.0935,
13.9188

311.7318,
332.2726, 333.3356

 8.7349, 9.5904,
7.9261

369.2032,

 4.6244, 5.1282,

393.2507, 396.3007

3.9606

433.3368,
461.2671, 466.7341

■ 2.0611, 2.3227,
1.6038

■ 0.6679, 0.7857,
0.2935

■ 86.3490, 92.6785,
88.9390

■ 86.3490, 92.6785,
88.9390

■ 82.5777, 91.1135,
71.7552

■ 90.4963, 94.4004,
108.0592

■ 79.2836, 89.7369,
57.0742

■ 91.0193, 94.6700,
108.0836

■ 76.4470, 88.5437,
44.7810

■ 91.5463, 94.9416,
108.1083

■ 74.0437, 87.5243,
34.7493

■ 92.0774, 95.2154,
108.1332

■ 72.0477, 86.6683,
26.8409

■ 92.6126, 95.4913,
108.1582

■ 70.4299, 85.9640,
20.9029

■ 92.8593, 95.6185,
108.1698

■ 69.1572, 85.3983,
16.7617

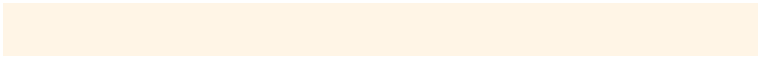
■ 68.1910, 84.9556,
14.2135

■ 67.4822, 84.6163,
12.9998

Harmonies

Analogous

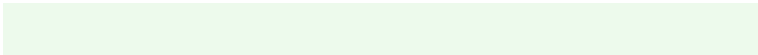
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7524, 92.6785, 88.1736



86.3490, 92.6785, 88.9390



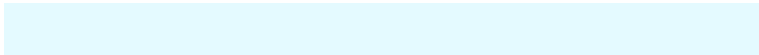
84.4447, 92.6785, 92.8360

Triad

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



86.3490, 92.6785, 88.9390



85.2215, 92.6785, 111.8672



92.8194, 92.6785, 102.8206

Complementary

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



86.3490, 92.6785, 88.9390



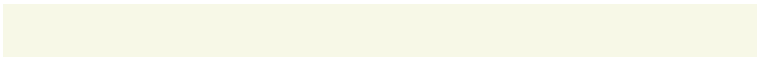
78.8015, 81.0875, 100.3100

Split Complementary

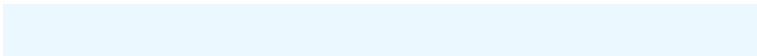
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8349, 92.6785, 109.4414



86.3490, 92.6785, 88.9390



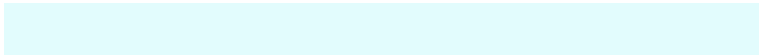
87.4272, 92.6785, 114.8198

Square

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



86.3490, 92.6785, 88.9390



83.8021, 92.6785, 106.0085



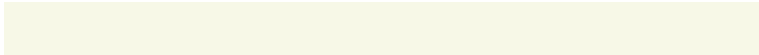
89.8505, 92.6785, 113.9121



92.5179, 92.6785, 95.9798

Rectangle

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



86.3490, 92.6785, 88.9390



83.6997, 92.6785, 96.7878



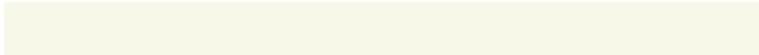
89.8505, 92.6785, 113.9121



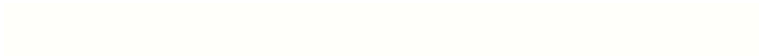
92.6273, 92.6785, 105.1499

Sweetspot

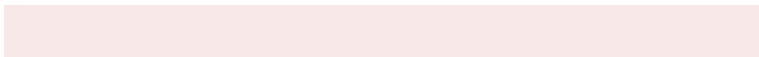
The Sweet Spot groups the original color and five complimentary colors.



86.3516, 92.6825, 88.9410



94.1289, 99.6187, 104.6275



81.9526, 83.3572, 87.3729



20.1571, 21.3265, 22.4393



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.



86.3516, 92.6825, 88.9410



91.4956, 98.5272, 92.4899



83.4731, 91.1986, 88.8063



18.6201, 20.1355, 18.3675



36.3902, 45.6781, 6.8988



3.4003, 4.2460, 0.6403

Inverse Universe

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



78.8015, 81.0875, 100.3100



82.1714, 84.2074, 106.5305



81.5762, 82.5179, 100.4399



16.3779, 16.6919, 21.7440



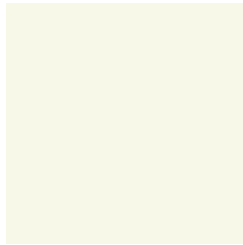
9.2928, 3.7333, 48.2044



0.8930, 0.3624, 4.4661

Previews

White Background



This preview shows how the XYZ color 86.3490, 92.6785, 88.9390 looks on a white background.

Color Contrast Check

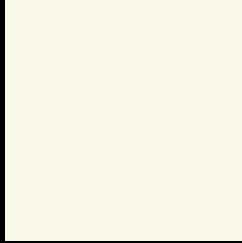
Large Text (above 18pt) WCAG AA × Fail

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 86.3490, 92.6785, 88.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

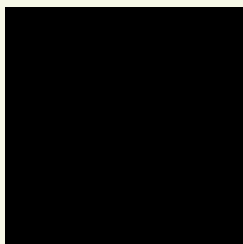
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

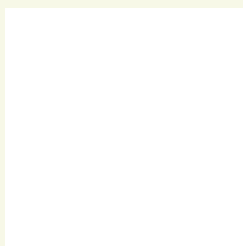
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3490, 92.6785, 88.9390

Background



This preview shows how black text looks on a background with the XYZ color 86.3490, 92.6785, 88.9390.



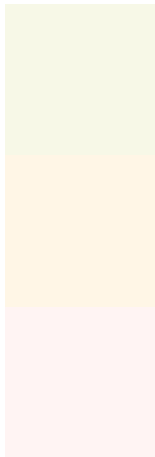
This preview shows how white text looks on a background with the XYZ color 86.3490, 92.6785,

88.9390.

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

86.3490, 92.6785, 88.9390

Protanopia

88.4787, 92.8847, 88.1281

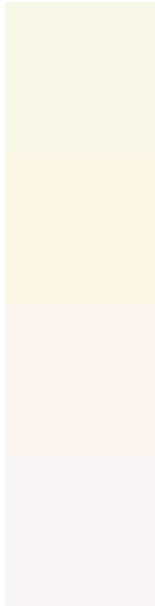
Deuteranopia

89.7683, 92.4324, 97.9040

Tritanopia

89.7693, 92.6646, 107.7624

Trichromacy



Original Color

86.3490, 92.6785, 88.9390

Protanomaly

87.6886, 92.9301, 88.1785

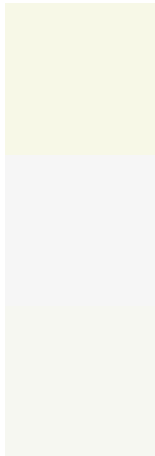
Deuteranomaly

88.3773, 92.2323, 94.8060

Tritanomaly

88.3017, 92.5218, 100.3933

Monochromacy



Original Color

86.3490, 92.6785, 88.9390

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 86.3490, 92.6785, 88.9390 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(247, 248, 231) looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 248, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 231) }
```

Border

The CSS property to change the border of an element to XYZ 86.3490, 92.6785, 88.9390 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(247, 248, 231) }
```


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

```
.border{ border-color:rgb(247, 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(247, 248, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3490, 92.6785, 88.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 231) }
```

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

```
.background{ background-color: rgb(247,  
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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