

Converting Colors

XYZ(86.2754, 93.1892, 90.5756)

Have a look what the booklet for
XYZ(86.2754, 93.1892, 90.5756)
contains.

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Color

**XYZ(86.2399, 93.0470,
90.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F9E9
RGB	245, 249, 233
RGB Percent	96%, 98%, 91%
CMY	0.0392, 0.0235, 0.0863
CMYK	0.02, 0.00, 0.06, 0.02
HSL	75°, 57%, 95%
HSV	75°, 6%, 98%
XYZ	86.2399, 93.0470, 90.5053
YIQ	245.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

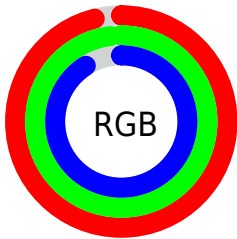
Format	Color
R _Y B	233, 249, 237
Decimal	16120297
CIE Lab	97.25, -4.08, 7.21
CIE LCh	97, 8.280, 119.514
Yxy	93.0470, 0.3197, 0.3449
Android (android.graphics.Color)	4294310377 (0xFFFF5F9E9)
YUV	245.9800, -6.3991, -0.8595
Hunter-Lab	96.4609, -9.2203, 11.8932

Details

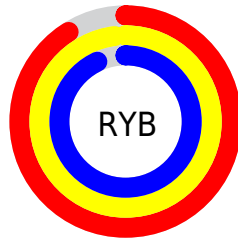
The XYZ color **86.2399, 93.0470, 90.5053** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.1663, 83.1243, 101.3940**, and the grayscale version is **87.6320, 92.1957, 100.4011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9920, 52.1331, 49.1282** is the 20% darker color. If you saturate the color by 10%, you get **80.7946, 90.6250, 72.9739**, and if you desaturate by 10%, it is **91.7947, 95.5273, 108.2082**.

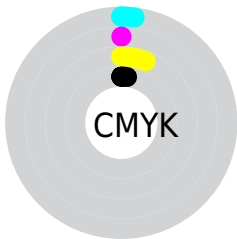
Distribution



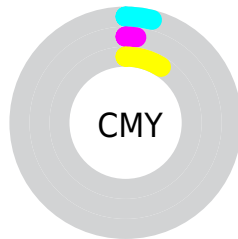
- Red (96%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2399, 93.0470, 90.5053 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 86.2399, 93.0470, 90.5053 by changing the saturation by 10% instead.


 86.2399, 93.0470,
90.5053

 86.2399, 93.0470,
90.5053


504.1440,
537.8936, 550.2857

 65.1923, 70.5106,
67.8237


141.0093,
151.5637, 149.9817

 47.8823, 51.9429,
49.2886


175.4619,
188.3127, 187.6137

 33.9446, 36.9595,
34.4812


215.1134,
230.5681, 231.0662

 23.0137, 25.1762,
22.9832

260.3294,
278.7142, 280.7577

 14.7244, 16.2084,
14.3759

311.4750,
333.1354, 337.1069

 8.7112, 9.6717,
8.2408

368.9158,

 4.6089, 5.1818,

394.2161, 400.5323

4.1595

433.0170,
462.3407, 471.4524

■ 2.0520, 2.3543,
1.7132

■ 0.6629, 0.8023,
0.3698

■ 86.2399, 93.0470,
90.5053

■ 86.2399, 93.0470,
90.5053

■ 80.7946, 90.6250,
72.9739

■ 91.7947, 95.5273,
108.2082

■ 75.9004, 88.4288,
57.9774

■ 93.1675, 96.2350,
108.2725

■ 71.5366, 86.4530,
45.4001

■ 67.6785, 84.6878,
35.1146

■ 64.2990, 83.1221,
26.9822

■ 61.3679, 81.7438,
20.8489

■ 58.8516, 80.5393,
16.5405

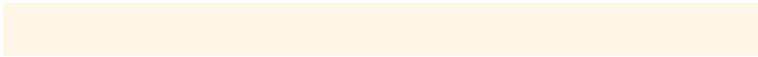
■ 56.7105, 79.4928,
13.8528

■ 54.8952, 78.5844,
12.5305

Harmonies

Analogous

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



88.4766, 93.0470, 88.9633



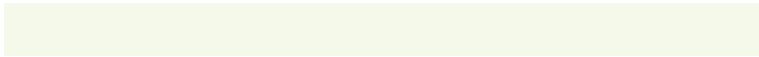
86.2399, 93.0470, 90.5053



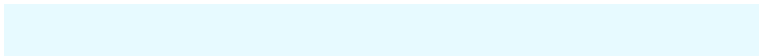
84.6167, 93.0470, 94.9134

Triad

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



86.2399, 93.0470, 90.5053



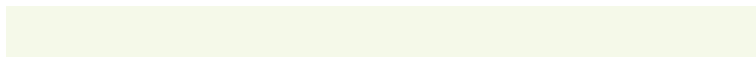
86.1749, 93.0470, 112.8297



93.0152, 93.0470, 101.4218

Complementary

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



86.2399, 93.0470, 90.5053



81.1663, 83.1243, 101.3940

Split Complementary

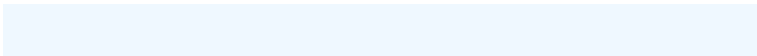
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3734, 93.0470, 107.9927



86.2399, 93.0470, 90.5053



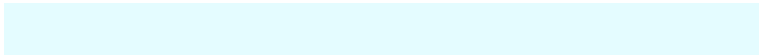
88.4002, 93.0470, 114.7544

Square

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



86.2399, 93.0470, 90.5053



84.5796, 93.0470, 107.7951



90.6739, 93.0470, 112.9472



92.4127, 93.0470, 95.0949

Rectangle

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



86.2399, 93.0470, 90.5053



84.0867, 93.0470, 98.9848



90.6739, 93.0470, 112.9472



92.9377, 93.0470, 103.6762

Sweetspot

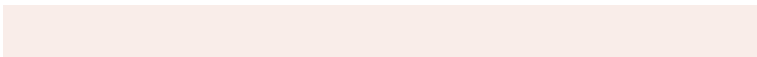
The Sweet Spot groups the original color and five complimentary colors.



86.2425, 93.0510, 90.5073



93.7717, 99.4346, 104.6108



84.0622, 86.5941, 89.3759



20.0844, 21.2890, 22.4359



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.



86.2425, 93.0510, 90.5073



90.0847, 97.7998, 92.4239



83.5117, 91.6433, 90.3795



18.2784, 19.9593, 18.3516



29.2007, 41.9718, 6.5623



2.8011, 3.9371, 0.6123

Inverse Universe

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



81.1663, 83.1243, 101.3940



83.4787, 84.8814, 106.5917



83.8971, 84.5321, 101.5218



16.6899, 16.8528, 21.7586



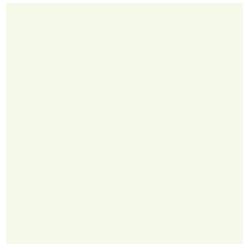
10.3349, 4.2705, 48.2531



1.0498, 0.4433, 4.4734

Previews

White Background



This preview shows how the XYZ color 86.2399, 93.0470, 90.5053 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 86.2399, 93.0470, 90.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

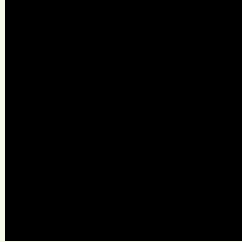
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

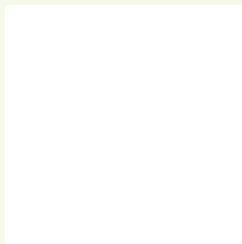
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2399, 93.0470, 90.5053

Background



This preview shows how black text looks on a background with the XYZ color 86.2399, 93.0470, 90.5053.

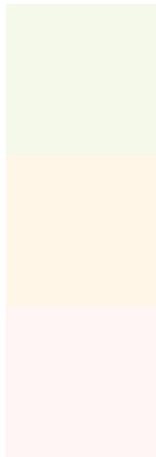


This preview shows how white text looks on a background with the XYZ color 86.2399, 93.0470, 90.5053.

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

86.2399, 93.0470, 90.5053

Protanopia

88.6196, 92.9411, 88.8700

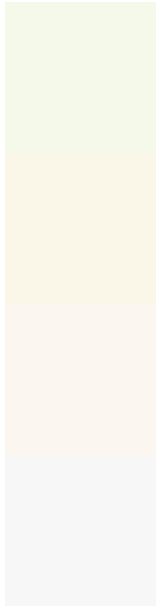
Deuteranopia

90.2215, 93.0965, 98.8022

Tritanopia

89.7172, 93.0880, 107.8469

Trichromacy



Original Color

86.2399, 93.0470, 90.5053

Protanomaly

87.6099, 92.8570, 89.6496

Deuteranomaly

88.4676, 92.7120, 95.6705

Tritanomaly

88.4070, 93.0111, 101.2891

Monochromacy



Original Color

86.2399, 93.0470, 90.5053

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 86.2399, 93.0470, 90.5053 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(245, 249, 233)` looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 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(245, 249, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 233) }
```

Border

The CSS property to change the border of an element to XYZ 86.2399, 93.0470, 90.5053 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(245, 249, 233) }
```


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

```
.border{ border-color:rgb(245, 249, 233) }
```

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

Here you see how a box with a 4 pixel rgb(245, 249, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 233);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2399, 93.0470, 90.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 233) }
```

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

```
.background{ background-color: rgb(245,  
249, 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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