

Converting Colors

XYZ(85.6756, 90.4725, 90.7889)

Have a look what the booklet for
XYZ(85.6756, 90.4725, 90.7889)
contains.

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Color

**XYZ(85.5597, 90.4160,
90.7845)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F4EA
RGB	247, 244, 234
RGB Percent	97%, 96%, 92%
CMY	0.0314, 0.0431, 0.0823
CMYK	0.00, 0.01, 0.05, 0.03
HSL	46°, 45%, 94%
HSV	46°, 5%, 97%
XYZ	85.5597, 90.4160, 90.7845
YIQ	243.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

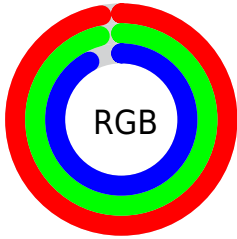
Format	Color
R _Y B	238, 247, 234
Decimal	16250090
CIE Lab	96.17, -0.71, 5.15
CIE LCh	96, 5.203, 97.842
Yxy	90.4160, 0.3207, 0.3389
Android (android.graphics.Color)	4294440170 (0xFFFF7F4EA)
YUV	243.7570, -4.8102, 2.8441
Hunter-Lab	95.0873, -5.7883, 9.9541

Details

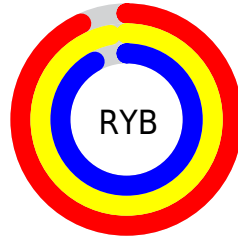
The XYZ color 85.5597, 90.4160, 90.7845 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.0043, 84.7749, 100.0905, and the grayscale version is 85.8314, 90.3013, 98.3381.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.5050, 50.2572, 49.3163 is the 20% darker color. If you saturate the color by 10%, you get 80.5704, 85.7252, 72.8177, and if you desaturate by 10%, it is 90.4998, 95.1776, 108.2090.

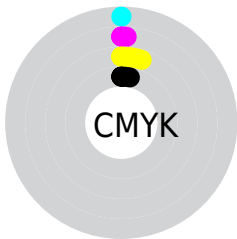
Distribution



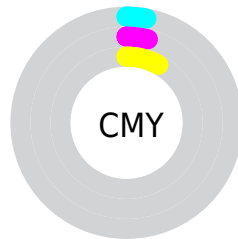
- Red (97%)
- Green (96%)
- Blue (92%)



- Red (93%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5597, 90.4160, 90.7845 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 85.5597, 90.4160, 90.7845 by changing the saturation by 10% instead.

85.5597, 90.4160,
90.7845

85.5597, 90.4160,
90.7845

501.9341,
529.3832, 551.2153

64.6280, 68.3257,
68.0541

140.0649,
147.9161, 150.3726

47.4231, 50.1628,
49.4748

174.3691,
184.0947, 188.0675

33.5796, 35.5427,
34.6280

213.8615,
225.7382, 231.5876

22.7322, 24.0813,
23.0952

258.9075,
273.2310, 281.3514

14.5155, 15.3939,
14.4579

309.8724,
326.9575, 337.7776

8.5641, 9.0963,
8.2974

367.1215,

4.5128, 4.8041,

387.3021, 401.2846

4.1954

431.0203,
454.6492, 472.2910

■ 1.9961, 2.1328,
1.7331

■ 0.6318, 0.6830,
0.3833

■ 85.5597, 90.4160,
90.7845

■ 85.5597, 90.4160,
90.7845

■ 80.5704, 85.7252,
72.8177

■ 90.4998, 95.1776,
108.2090

■ 76.1055, 81.3250,
57.3648

■ 92.1682, 98.5144,
108.7651

■ 72.1452, 77.2099,
44.3131

■ 68.6655, 73.3693,
33.5387

■ 65.6405, 69.7921,
24.9069

■ 63.0414, 66.4660,
18.2687

■ 60.8356, 63.3772,
13.4558

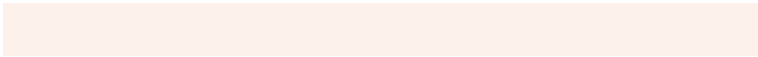
■ 58.9856, 60.5098,
10.2720

■ 57.4449, 57.8445,
8.4757

Harmonies

Analogous

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



86.9883, 90.4160, 91.2709



85.5597, 90.4160, 90.7845



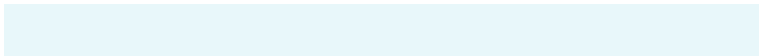
84.2469, 90.4160, 92.3055

Triad

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



85.5597, 90.4160, 90.7845



83.7654, 90.4160, 103.4030



88.5328, 90.4160, 101.4748

Complementary

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



85.5597, 90.4160, 90.7845



81.0043, 84.7749, 100.0905

Split Complementary

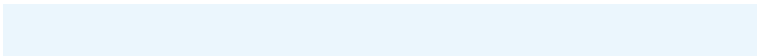
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6510, 90.4160, 104.8564



85.5597, 90.4160, 90.7845



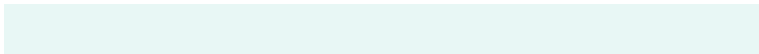
84.8956, 90.4160, 105.9911

Square

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



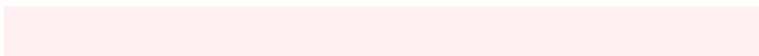
85.5597, 90.4160, 90.7845



83.2185, 90.4160, 99.5358



86.3168, 90.4160, 106.5303



88.7154, 90.4160, 97.3675

Rectangle

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



85.5597, 90.4160, 90.7845



83.6103, 90.4160, 94.2790



86.3168, 90.4160, 106.5303



88.3078, 90.4160, 102.7374

Sweetspot

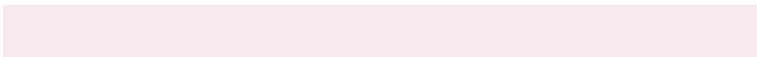
The Sweet Spot groups the original color and five complimentary colors.



85.5622, 90.4199, 90.7865



93.8659, 98.9284, 104.5081



83.0727, 84.7375, 92.1252



20.1036, 21.1860, 22.4150



0.0000, 0.0000, 0.0000



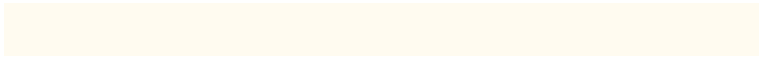
20.3446, 21.4041, 23.3091

Same Dimension

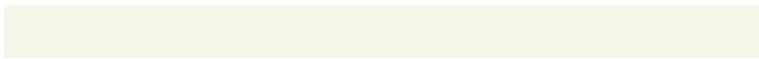
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5622, 90.4199, 90.7865



91.5693, 96.8247, 96.0674



85.2597, 91.6129, 91.0327



17.8783, 18.9135, 18.5779



30.1473, 30.1802, 4.2364



2.7265, 2.8063, 0.3980

Inverse Universe

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



81.0043, 84.7749, 100.0905



86.0015, 89.9290, 107.4330



81.2937, 83.6474, 99.8576



16.6784, 17.4274, 21.0273



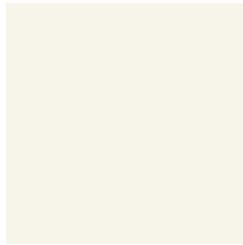
9.7389, 5.2715, 47.0422



0.9309, 0.6133, 4.1596

Previews

White Background



This preview shows how the XYZ color 85.5597, 90.4160, 90.7845 looks on a white background.

Color Contrast Check

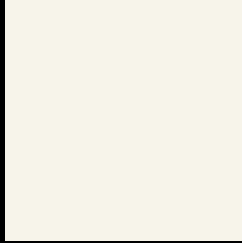
Large Text (above 18pt) WCAG AA × Fail

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 85.5597, 90.4160, 90.7845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

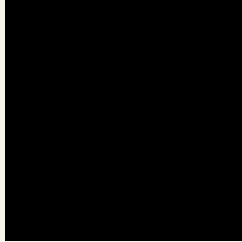
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

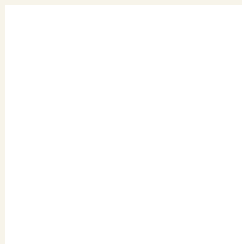
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5597, 90.4160, 90.7845

Background



This preview shows how black text looks on a background with the XYZ color 85.5597, 90.4160, 90.7845.



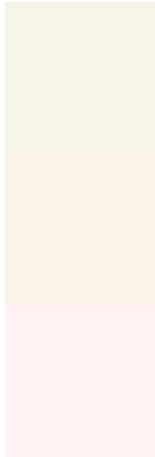
This preview shows how white text looks on a background with the XYZ color 85.5597, 90.4160,

90.7845.

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

85.5597, 90.4160, 90.7845

Protanopia

86.5422, 90.4936, 89.9965

Deuteranopia

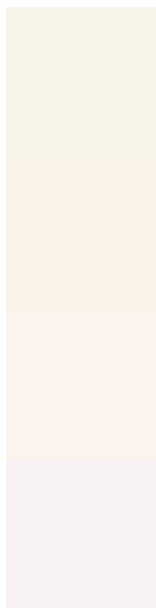
88.5725, 90.5215, 96.0232



Tritanopia

88.5722, 90.2703, 107.3634

Trichromacy



Original Color

85.5597, 90.4160, 90.7845

Protanomaly

86.1829, 90.3084, 89.9797

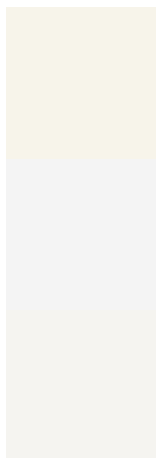
Deuteranomaly

87.3296, 90.3728, 93.7298

Tritanomaly

87.2520, 90.1761, 100.8027

Monochromacy



Original Color

85.5597, 90.4160, 90.7845

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.7350, 90.4051, 95.3693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5597, 90.4160, 90.7845 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, 244, 234) looks like.

```
.text, #text, p{  
    color:rgb(247, 244, 234)  
}
```

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, 244, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 244, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.5597, 90.4160, 90.7845 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, 244, 234) }
```


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

```
.border{ border-color:rgb(247, 244, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 244, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 244, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 244, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 244,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5597, 90.4160, 90.7845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 244, 234) }
```

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

```
.background{ background-color: rgb(247,  
244, 234) }
```

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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