

Converting Colors

XYZ(109.1178, 100.0000,
87.5077)

Have a look what the booklet for
XYZ(109.1178, 100.0000, 87.5077)
contains.

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Color

**XYZ(85.9574, 88.0662,
86.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEEE
RGB	255, 238, 229
RGB Percent	100%, 93%, 90%
CMY	0.0000, 0.0666, 0.1020
CMYK	0.00, 0.07, 0.10, 0.00
HSL	21°, 100%, 95%
HSV	21°, 10%, 100%
XYZ	85.9574, 88.0662, 86.5968
YIQ	242.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

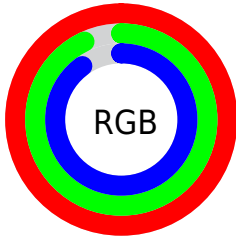
Format	Color
R _Y B	255, 243, 229
Decimal	16772837
CIE Lab	95.19, 4.26, 6.40
CIE LCh	95, 7.693, 56.355
Yxy	88.0662, 0.3298, 0.3379
Android (android.graphics.Color)	4294962917 (0xFFFFEEE5)
YUV	242.0570, -6.4371, 11.3510
Hunter-Lab	93.8436, -0.7266, 10.9790

Details

The XYZ color **85.9574, 88.0662, 86.5968** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3181, 89.7872, 107.5471**, and the grayscale version is **84.4871, 88.8871, 96.7980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6566, 48.5177, 46.8975** is the 20% darker color. If you saturate the color by 10%, you get **78.0252, 77.4873, 67.6581**, and if you desaturate by 10%, it is **94.8661, 99.7603, 108.4435**.

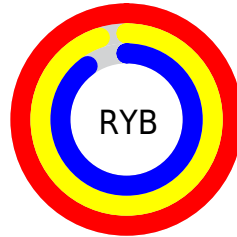
Distribution



Red (100%)

Green (93%)

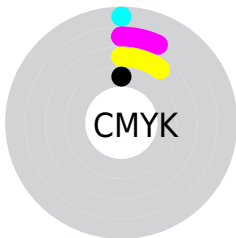
Blue (90%)



Red (100%)

Yellow (95%)

Blue (90%)

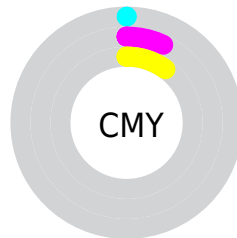


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9574, 88.0662, 86.5968 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 85.9574, 88.0662, 86.5968 by changing the saturation by 10% instead.


 85.9574, 88.0662,
86.5968

 85.9574, 88.0662,
86.5968


503.2268,
521.7200, 537.1788

 64.9579, 66.3779,
64.6039


140.6172,
144.6493, 144.4959

 47.6915, 48.5792,
46.6906


175.0082,
180.3129, 181.2392

 33.7929, 34.2858,
32.4386


214.5937,
221.4037, 223.7363

 22.8967, 23.1133,
21.4291

259.7391,
268.3062, 272.4059

 14.6375, 14.6772,
13.2437

310.8098,
321.4046, 327.6663

 8.6500, 8.5931,
7.4639

368.1710,

 4.5689, 4.4768,

381.0835, 389.9363

3.6711

432.1883,
447.7271, 459.6343

■ 2.0287, 1.9437,
1.4467

■ 0.6500, 0.5744,
0.1777

■ 85.9574, 88.0662,
86.5968

■ 85.9574, 88.0662,
86.5968

■ 78.0252, 77.4873,
67.6581

94.8661, 99.7603,
108.4435

■ 71.0284, 67.9792,
51.4981

95.0500, 100.0000,
108.9000

■ 64.9322, 59.5105,
37.9861

■ 59.6968, 52.0442,
26.9784

■ 55.2793, 45.5408,
18.3179

■ 51.6326, 39.9578,
11.8291

■ 48.7040, 35.2494,
7.3115

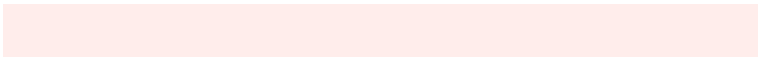
■ 46.4325, 31.3643,
4.5264

■ 44.7559, 28.2917,
3.1020

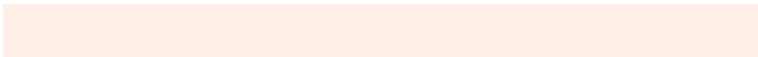
Harmonies

Analogous

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



87.3682, 88.0662, 90.8554



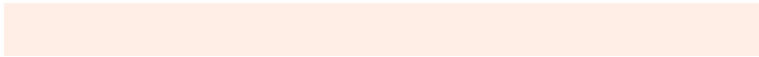
85.9574, 88.0662, 86.5968



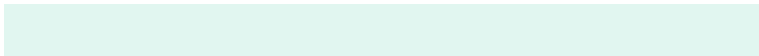
83.9608, 88.0662, 84.8241

Triad

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



85.9574, 88.0662, 86.5968



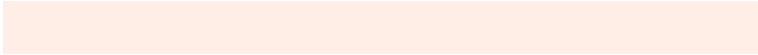
79.7459, 88.0662, 95.1570



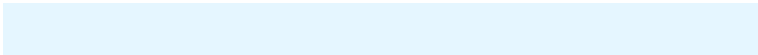
85.5064, 88.0662, 106.6092

Complementary

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



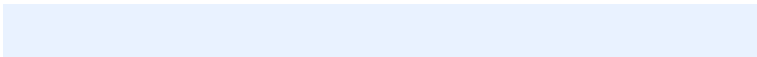
85.9574, 88.0662, 86.5968



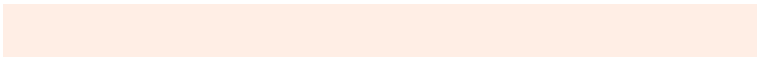
83.3181, 89.7872, 107.5471

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.



83.4483, 88.0662, 107.8768



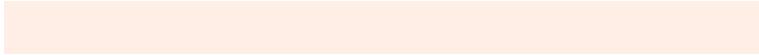
85.9574, 88.0662, 86.5968



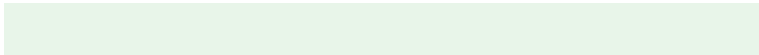
80.1442, 88.0662, 101.1054

Square

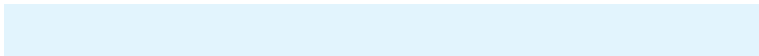
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9574, 88.0662, 86.5968



80.3935, 88.0662, 89.6345



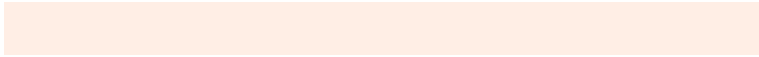
81.4909, 88.0662, 105.8235



87.1048, 88.0662, 102.4281

Rectangle

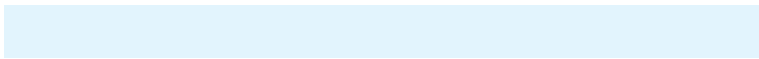
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9574, 88.0662, 86.5968



82.5744, 88.0662, 85.2337



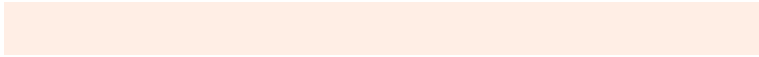
81.4909, 88.0662, 105.8235



84.8444, 88.0662, 107.3975

Sweetspot

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



85.9594, 88.0699, 86.5987



92.2680, 96.3680, 102.0170



85.9457, 83.9739, 99.1365



19.5933, 20.4226, 21.4519



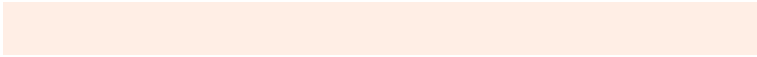
0.0000, 0.0000, 0.0000



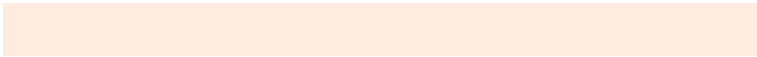
20.3446, 21.4041, 23.3091

Same Dimension

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



85.9594, 88.0699, 86.5987



84.4567, 86.0791, 82.9694



89.7763, 95.7037, 87.8710



18.5238, 19.0157, 18.8384



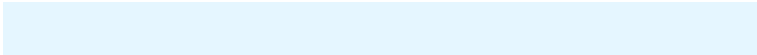
23.5110, 15.0331, 1.6625



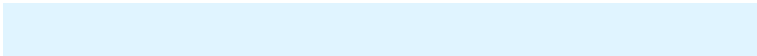
2.3866, 1.6585, 0.1943

Inverse Universe

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



83.3181, 89.7872, 107.5471



81.3863, 88.0748, 107.3184



79.5974, 82.3459, 106.3068



17.9942, 19.3601, 23.0384



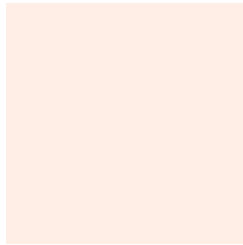
16.7666, 18.4428, 52.1107



1.7346, 2.0000, 5.1079

Previews

White Background



This preview shows how the XYZ color 85.9574, 88.0662, 86.5968 looks on a white background.

Color Contrast Check

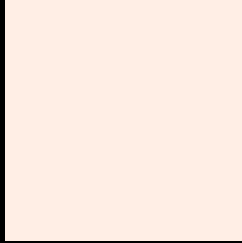
Large Text (above 18pt) WCAG AA × Fail

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 85.9574, 88.0662, 86.5968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

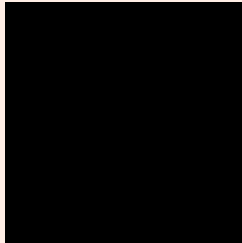
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9574, 88.0662, 86.5968

Background



This preview shows how black text looks on a background with the XYZ color 85.9574, 88.0662, 86.5968.



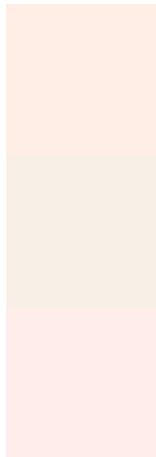
This preview shows how white text looks on a background with the XYZ color 85.9574, 88.0662,

86.5968.

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

85.9574, 88.0662, 86.5968

Protanopia

84.1544, 87.9898, 87.4112

Deuteranopia

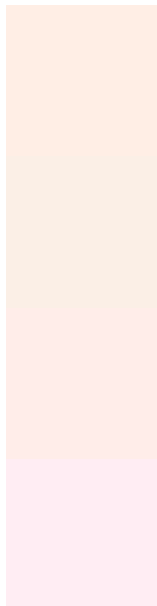
86.6645, 87.8845, 91.7526



Tritanopia

88.6480, 88.2159, 103.6219

Trichromacy



Original Color

85.9574, 88.0662, 86.5968

Protanomaly

84.9331, 87.9554, 87.3635

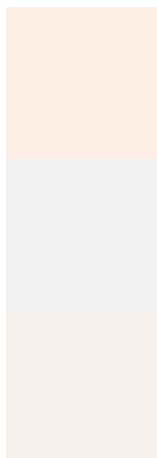
Deuteranomaly

86.2322, 87.7116, 89.4759

Tritanomaly

87.7018, 88.2994, 97.2151

Monochromacy



Original Color

85.9574, 88.0662, 86.5968

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.0991, 88.7992, 92.7755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9574, 88.0662, 86.5968 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(255, 238, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 229)  
}
```

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(255, 238, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 229) }
```

Border

The CSS property to change the border of an element to XYZ 85.9574, 88.0662, 86.5968 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(255, 238, 229) }
```


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

```
.border{ border-color:rgb(255, 238, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9574, 88.0662, 86.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 229) }
```

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

```
.background{ background-color: rgb(255,  
238, 229) }
```

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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