

Converting Colors

XYZ(84.8075, 86.4469, 82.2466)

Have a look what the booklet for
XYZ(84.8075, 86.4469, 82.2466)
contains.

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Color

**XYZ(84.2676, 86.0044,
81.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBDF
RGB	255, 235, 223
RGB Percent	100%, 92%, 87%
CMY	0.0000, 0.0784, 0.1255
CMYK	0.00, 0.08, 0.13, 0.00
HSL	23°, 100%, 94%
HSV	23°, 13%, 100%
XYZ	84.2676, 86.0044, 81.9712
YIQ	239.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

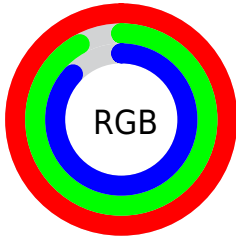
Format	Color
R _Y B	255, 242, 223
Decimal	16772063
CIE Lab	94.31, 4.84, 8.26
CIE LCh	94, 9.571, 59.607
Yxy	86.0044, 0.3341, 0.3410
Android (android.graphics.Color)	4294962143 (0xFFFFE8DF)
YUV	239.6120, -8.1897, 13.4953
Hunter-Lab	92.7386, -0.0971, 12.5108

Details

The XYZ color **84.2676, 86.0044, 81.9712** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5312, 87.0068, 107.1573**, and the grayscale version is **82.5763, 86.8767, 94.6087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4767, 47.0731, 43.6822** is the 20% darker color. If you saturate the color by 10%, you get **76.7262, 76.0153, 63.7538**, and if you desaturate by 10%, it is **92.7396, 97.0252, 103.0555**.

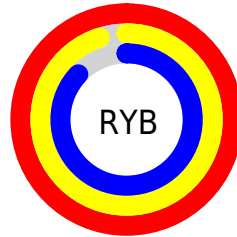
Distribution



Red (100%)

Green (92%)

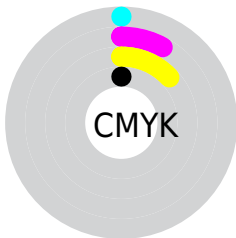
Blue (87%)



Red (100%)

Yellow (95%)

Blue (87%)

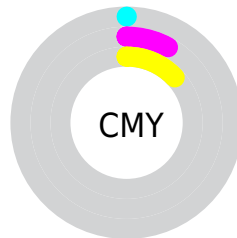


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2676, 86.0044, 81.9712 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 84.2676, 86.0044, 81.9712 by changing the saturation by 10% instead.


 84.2676, 86.0044,
81.9712

 84.2676, 86.0044,
81.9712


497.7217,
514.9457, 521.4323

 63.5568, 64.6716,
60.8061


138.2688,
141.7756, 137.9699

 46.5522, 47.1949,
43.6392


172.2899,
176.9829, 173.6407

 32.8882, 33.1897,
30.0518

211.4785,
217.5837, 214.9837

 22.1997, 22.2718,
19.6256

256.2000,
263.9625, 262.4176

 14.1211, 14.0568,
11.9418

306.8197,
316.5037, 316.3608

 8.2872, 8.1602,
6.5820

363.7030,

 4.3326, 4.1976,

375.5918, 377.2320

3.1276

427.2152,
441.6109, 445.4496

■ 1.8920, 1.7847,
1.1602

■ 0.5722, 0.4776,
0.0000

■ 84.2676, 86.0044,
81.9712

■ 84.2676, 86.0044,
81.9712

■ 76.7262, 76.0153,
63.7538

■ 92.7396, 97.0252,
103.0555

■ 70.0754, 67.0164,
48.2727

95.0500, 100.0000,
108.9000

■ 64.2815, 58.9791,
35.3953

■ 59.3058, 51.8694,
24.9758

■ 55.1063, 45.6511,
16.8536

■ 51.6370, 40.2852,
10.8489

■ 48.8458, 35.7290,
6.7546

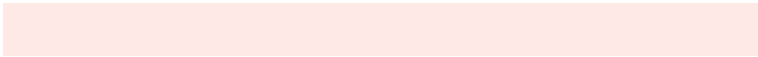
■ 46.6716, 31.9351,
4.3204

■ 45.3924, 29.5649,
3.3141

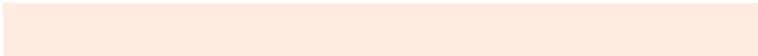
Harmonies

Analogous

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



86.1120, 86.0044, 86.8318



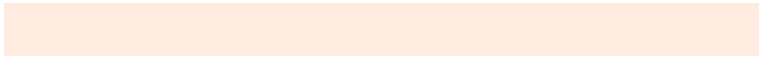
84.2676, 86.0044, 81.9712



81.7785, 86.0044, 80.2065

Triad

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



84.2676, 86.0044, 81.9712



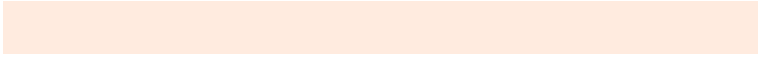
76.9070, 86.0044, 93.5472



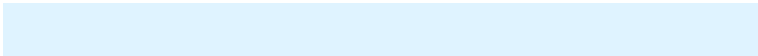
84.2078, 86.0044, 106.4815

Complementary

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



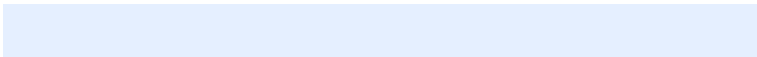
84.2676, 86.0044, 81.9712



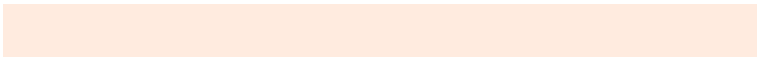
80.5312, 87.0068, 107.1573

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.



81.7107, 86.0044, 108.5047



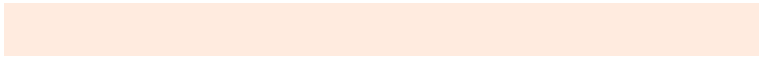
84.2676, 86.0044, 81.9712



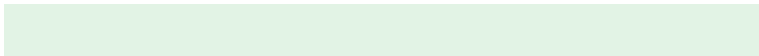
77.5274, 86.0044, 100.8038

Square

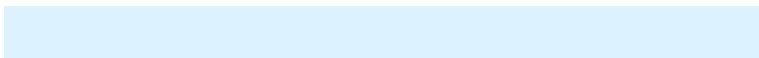
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2676, 86.0044, 81.9712



77.5601, 86.0044, 86.6721



79.2725, 86.0044, 106.3758



86.0770, 86.0044, 100.9804

Rectangle

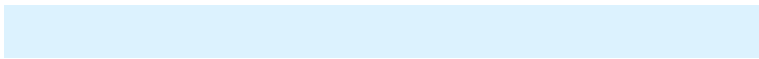
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2676, 86.0044, 81.9712



80.0993, 86.0044, 80.9478



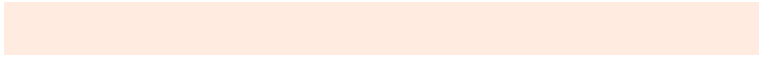
79.2725, 86.0044, 106.3758



83.4123, 86.0044, 107.6033

Sweetspot

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



84.2696, 86.0080, 81.9730



91.4513, 95.3611, 99.8127



83.8462, 80.5235, 96.1293



19.4331, 20.2285, 21.0096



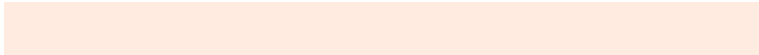
0.0000, 0.0000, 0.0000



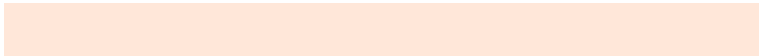
20.3446, 21.4041, 23.3091

Same Dimension

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



84.2696, 86.0080, 81.9730



82.3358, 83.4645, 77.2460



88.9735, 95.4158, 83.5410



18.5677, 19.1035, 18.8531



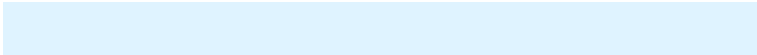
23.8500, 15.7112, 1.7755



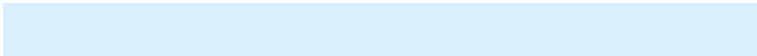
2.4230, 1.7315, 0.2065

Inverse Universe

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



80.5312, 87.0068, 107.1573



77.9428, 84.6371, 106.8363



76.0245, 77.9933, 105.6550



17.9487, 19.2690, 23.0232



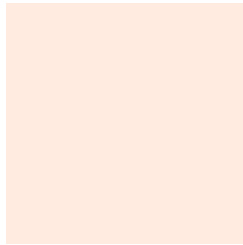
16.0881, 17.0857, 51.8845



1.6715, 1.8737, 5.0868

Previews

White Background



This preview shows how the XYZ color 84.2676, 86.0044, 81.9712 looks on a white background.

Color Contrast Check

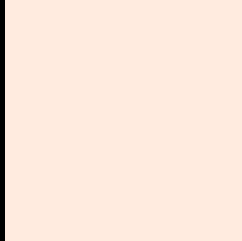
Large Text (above 18pt) WCAG AA × Fail

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 84.2676, 86.0044, 81.9712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

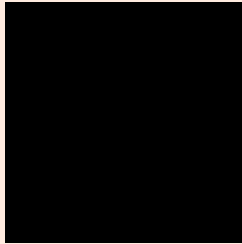
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.2676, 86.0044, 81.9712

Background



This preview shows how black text looks on a background with the XYZ color 84.2676, 86.0044, 81.9712.



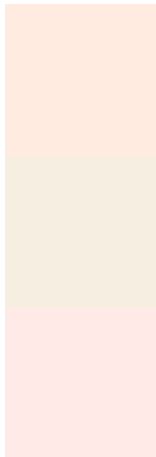
This preview shows how white text looks on a background with the XYZ color 84.2676, 86.0044,

81.9712.

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

84.2676, 86.0044, 81.9712

Protanopia

82.1712, 86.1781, 83.5373

Deuteranopia

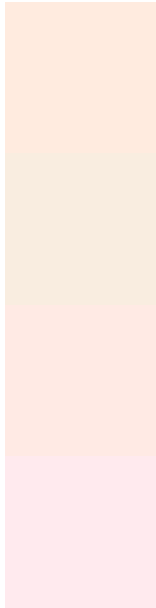
85.0866, 85.8752, 87.6923



Tritanopia

87.1674, 86.2532, 100.0500

Trichromacy



Original Color

84.2676, 86.0044, 81.9712

Protanomaly

82.8057, 86.0899, 82.7737

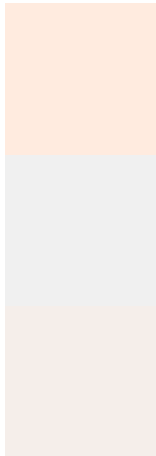
Deuteranomaly

84.6664, 85.7071, 85.4795

Tritanomaly

86.0954, 86.2787, 93.0047

Monochromacy



Original Color

84.2676, 86.0044, 81.9712

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.0820, 86.5021, 90.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2676, 86.0044, 81.9712 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, 235, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 223)  
}
```

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, 235, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 223) }
```

Border

The CSS property to change the border of an element to XYZ 84.2676, 86.0044, 81.9712 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, 235, 223) }
```


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

```
.border{ border-color:rgb(255, 235, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2676, 86.0044, 81.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 223) }
```

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

```
.background{ background-color: rgb(255,  
235, 223) }
```

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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