

Converting Colors

XYZ(93.5539, 91.4474, 82.2424)

Have a look what the booklet for
XYZ(93.5539, 91.4474, 82.2424)
contains.

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Color

**XYZ(84.8435, 87.1561,
82.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDDF
RGB	255, 237, 223
RGB Percent	100%, 93%, 87%
CMY	0.0000, 0.0706, 0.1255
CMYK	0.00, 0.07, 0.13, 0.00
HSL	26°, 100%, 94%
HSV	26°, 13%, 100%
XYZ	84.8435, 87.1561, 82.1631
YIQ	240.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

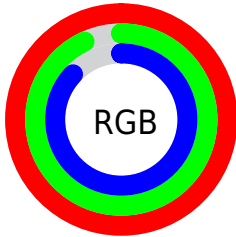
Format	Color
R_{YB}	255, 248, 223
Decimal	16772575
CIE _{Lab}	94.80, 3.82, 8.96
CIE _{LCh}	95, 9.740, 66.902
Yxy	87.1561, 0.3338, 0.3429
Android (android.graphics.Color)	4294962655 (0xFFFFEEDF)
YUV	240.7860, -8.7685, 12.4657
Hunter-Lab	93.3574, -1.1542, 13.1696

Details

The XYZ color **84.8435, 87.1561, 82.1631** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9359, 85.8162, 106.9589**, and the grayscale version is **83.5010, 87.8496, 95.6682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8805, 47.8807, 43.8168** is the 20% darker color. If you saturate the color by 10%, you get **77.6743, 77.9116, 64.0698**, and if you desaturate by 10%, it is **92.8665, 97.2791, 103.0978**.

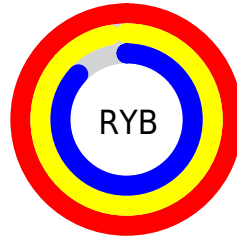
Distribution



Red (100%)

Green (93%)

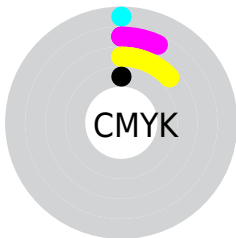
Blue (87%)



Red (100%)

Yellow (97%)

Blue (87%)

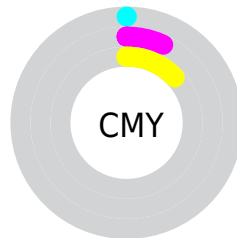


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8435, 87.1561, 82.1631 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 84.8435, 87.1561, 82.1631 by changing the saturation by 10% instead.


 84.8435, 87.1561,
82.1631

 84.8435, 87.1561,
82.1631


499.6016,
518.7357, 522.0909

 64.0341, 65.6244,
60.9634


139.0697,
143.3817, 138.2414

 46.9401, 47.9676,
43.7653


173.2172,
178.8444, 173.9571

 33.1961, 33.8012,
30.1502


212.5414,
219.7195, 215.3486

 22.4366, 22.7409,
19.6996

257.4078,
266.3915, 262.8343

 14.2965, 14.4023,
11.9949

308.1816,
319.2447, 316.8329

 8.4102, 8.4010,
6.6177

365.2283,

 4.4126, 4.3526,

378.6635, 377.7628

3.1494

428.9132,
445.0324, 446.0426

■ 1.9381, 1.8727,
1.1714

■ 0.5988, 0.5319,
0.0000

■ 84.8435, 87.1561,
82.1631

■ 84.8435, 87.1561,
82.1631

■ 77.6743, 77.9116,
64.0698

■ 92.8665, 97.2791,
103.0978

■ 71.3222, 69.5100,
48.6883

95.0500, 100.0000,
108.9000

■ 65.7564, 61.9289,
35.8869

■ 60.9415, 55.1410,
25.5210

■ 56.8392, 49.1169,
17.4312

■ 53.4071, 43.8253,
11.4389

■ 50.5971, 39.2316,
7.3383

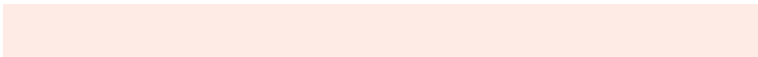
■ 48.3527, 35.2972,
4.8808

■ 46.9906, 32.7611,
3.8469

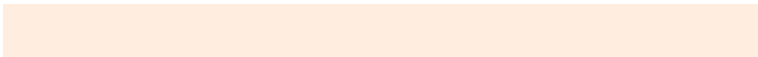
Harmonies

Analogous

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



86.9586, 87.1561, 86.4467



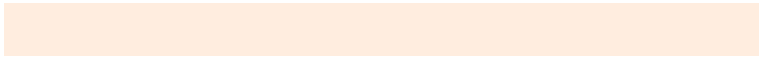
84.8435, 87.1561, 82.1631



82.2317, 87.1561, 81.2054

Triad

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



84.8435, 87.1561, 82.1631



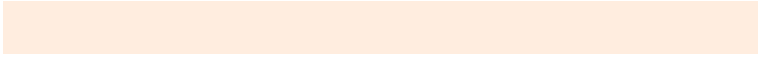
77.9089, 87.1561, 96.6532



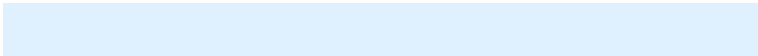
85.9199, 87.1561, 106.9850

Complementary

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



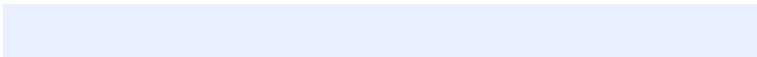
84.8435, 87.1561, 82.1631



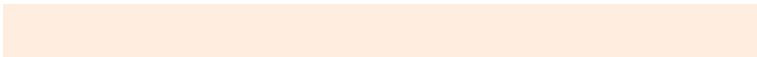
79.9359, 85.8162, 106.9589

Split Complementary

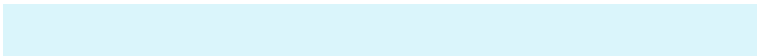
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4498, 87.1561, 110.0497



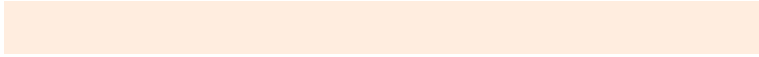
84.8435, 87.1561, 82.1631



78.8521, 87.1561, 103.8832

Square

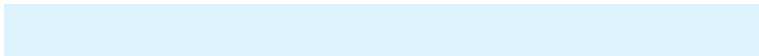
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8435, 87.1561, 82.1631



78.2642, 87.1561, 89.3170



80.8668, 87.1561, 108.8855



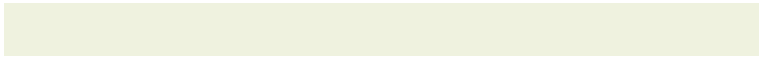
87.5892, 87.1561, 100.7071

Rectangle

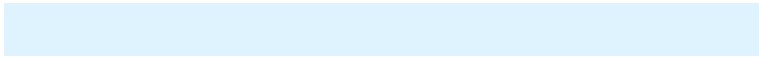
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8435, 87.1561, 82.1631



80.5672, 87.1561, 82.5336



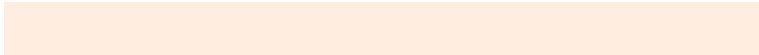
80.8668, 87.1561, 108.8855



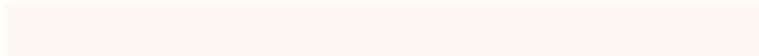
85.1537, 87.1561, 108.4399

Sweetspot

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



84.8455, 87.1597, 82.1649



91.6483, 95.7551, 99.8784



83.5254, 80.3952, 94.4397



19.4829, 20.3281, 21.0262



0.0000, 0.0000, 0.0000



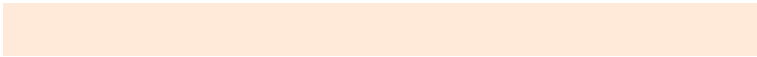
20.3446, 21.4041, 23.3091

Same Dimension

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



84.8455, 87.1597, 82.1649



83.0099, 84.8127, 77.4707



89.6428, 96.7543, 83.7640



18.6635, 19.2951, 18.8850



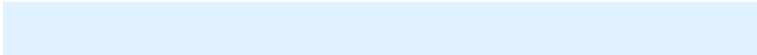
24.6961, 17.4034, 2.0576



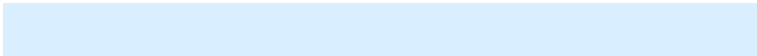
2.5110, 1.9074, 0.2358

Inverse Universe

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



79.9359, 85.8162, 106.9589



77.2411, 83.2337, 106.6024



75.4437, 76.8317, 105.4614



17.8505, 19.0727, 22.9905



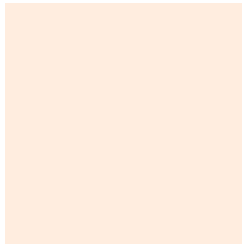
14.7464, 14.4024, 51.4373



1.5446, 1.6200, 5.0445

Previews

White Background



This preview shows how the XYZ color 84.8435, 87.1561, 82.1631 looks on a white background.

Color Contrast Check

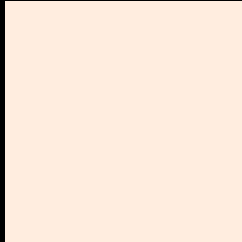
Large Text (above 18pt) WCAG AA × Fail

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 84.8435, 87.1561, 82.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

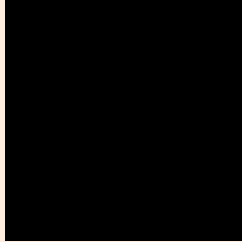
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8435, 87.1561, 82.1631

Background



This preview shows how black text looks on a background with the XYZ color 84.8435, 87.1561, 82.1631.



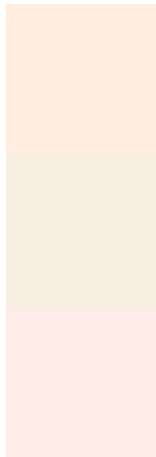
This preview shows how white text looks on a background with the XYZ color 84.8435, 87.1561,

82.1631.

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

84.8435, 87.1561, 82.1631

Protanopia

83.0324, 87.0713, 82.9512

Deuteranopia

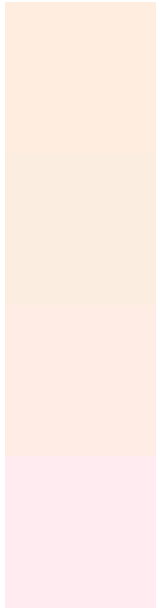
85.8009, 87.0771, 88.6293



Tritanopia

87.7617, 86.9452, 101.7791

Trichromacy



Original Color

84.8435, 87.1561, 82.1631

Protanomaly

83.8127, 87.0401, 82.9040

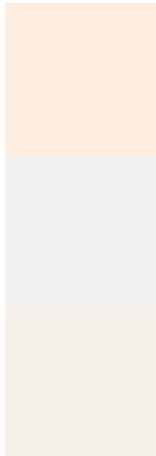
Deuteranomaly

85.3783, 86.9080, 86.4038

Tritanomaly

86.6765, 86.9679, 94.6562

Monochromacy



Original Color

84.8435, 87.1561, 82.1631

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.0174, 87.8535, 90.3711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8435, 87.1561, 82.1631 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, 237, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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, 237, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 223) }
```

Border

The CSS property to change the border of an element to XYZ 84.8435, 87.1561, 82.1631 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, 237, 223) }
```


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

```
.border{ border-color:rgb(255, 237, 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, 237, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8435, 87.1561, 82.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 223) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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