

Converting Colors

XYZ(96.2135, 90.1792, 88.9853)

Have a look what the booklet for XYZ(96.2135, 90.1792, 88.9853) contains.

- XYZ(84.3814, 84.2380, 88.1561) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(84.3814, 84.2380,
88.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7E8
RGB	255, 231, 232
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0941, 0.0902
CMYK	0.00, 0.09, 0.09, 0.00
HSL	358°, 100%, 95%
HSV	358°, 9%, 100%
XYZ	84.3814, 84.2380, 88.1561
YIQ	238.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 231, 232
Decimal	16771048
CIE Lab	93.55, 8.34, 2.48
CIE LCh	94, 8.697, 16.564
Yxy	84.2380, 0.3286, 0.3281
Android (android.graphics.Color)	4294961128 (0xFFFFE7E8)
YUV	238.2900, -3.1010, 14.6547
Hunter-Lab	91.7813, 3.4912, 7.2987

Details

The XYZ color **84.3814, 84.2380, 88.1561** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6070, 95.6660, 107.6703**, and the grayscale version is **81.5100, 85.7549, 93.3871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4551, 45.8003, 47.4662** is the 20% darker color. If you saturate the color by 10%, you get **74.5236, 69.6976, 68.9160**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (91%)

Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)



Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3814, 84.2380, 88.1561 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 84.3814, 84.2380, 88.1561 by changing the saturation by 10% instead.


 84.3814, 84.2380,
88.1561

 84.3814, 84.2380,
88.1561


498.0935,
509.1032, 542.4288

 63.6511, 63.2120,
65.8873

138.4271,
139.3081, 146.6875

 46.6288, 46.0127,
47.7250


172.4732,
174.1208, 183.7872

 32.9490, 32.2558,
33.2507


211.6887,
214.2980, 226.6676

 22.2464, 21.5570,
22.0459

256.4388,
260.2240, 275.7472

 14.1557, 13.5317,
13.6920

307.0890,
312.2830, 331.4446

 8.3115, 7.7957,
7.7705

364.0046,

 4.3484, 3.9645,

370.8597, 394.1783

3.8628

427.5510,
436.3383, 464.3669

■ 1.9010, 1.6537,
1.5504

■ 0.5774, 0.3934,
0.2550

■ 84.3814, 84.2380,
88.1561

■ 84.3814, 84.2380,
88.1561

■ 74.5236, 69.6976,
68.9160

95.0500, 100.0000,
108.9000

■ 66.1220, 57.3287,
52.4446

■ 59.1092, 47.0306,
38.6160

■ 53.4105, 38.6899,
27.2927

■ 48.9439, 32.1827,
18.3248

■ 45.6185, 27.3711,
11.5462

■ 43.3305, 24.0973,
6.7694

■ 41.9577, 22.1744,
3.7753

■ 41.3229, 21.3193,
2.2857

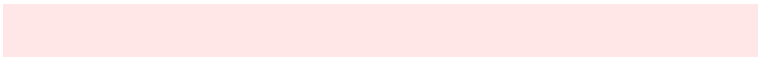
Harmonies

Analogous

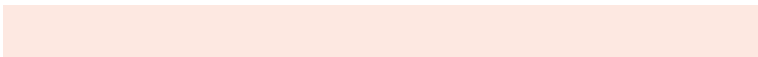
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4461, 84.2380, 94.6965



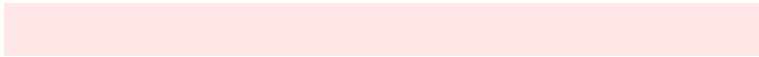
84.3814, 84.2380, 88.1561



83.1461, 84.2380, 82.8249

Triad

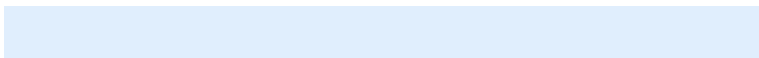
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3814, 84.2380, 88.1561



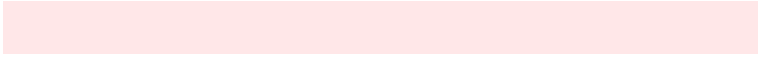
76.8960, 84.2380, 83.2825



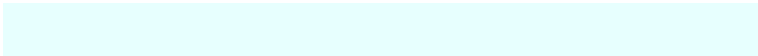
79.0421, 84.2380, 104.6042

Complementary

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



84.3814, 84.2380, 88.1561



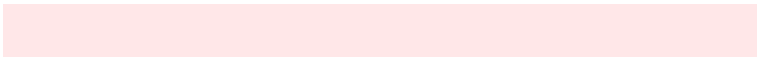
86.6070, 95.6660, 107.6703

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.



77.0623, 84.2380, 101.2321



84.3814, 84.2380, 88.1561



75.8394, 84.2380, 88.8082

Square

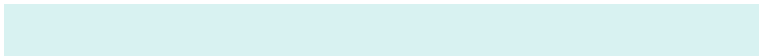
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3814, 84.2380, 88.1561



78.8111, 84.2380, 80.1047



75.8997, 84.2380, 95.3804



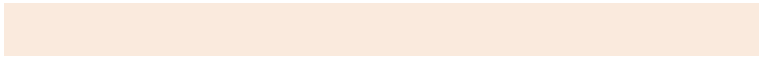
81.3335, 84.2380, 104.4089

Rectangle

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



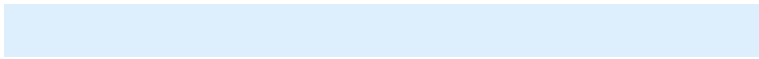
84.3814, 84.2380, 88.1561



81.8382, 84.2380, 80.5803



75.8997, 84.2380, 95.3804



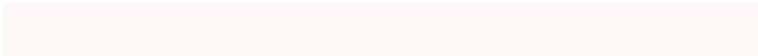
78.3190, 84.2380, 103.8436

Sweetspot

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



84.3833, 84.2415, 88.1579



91.4996, 94.7525, 102.0032



87.4276, 85.4084, 106.4853



19.3867, 19.9884, 21.4480



0.0000, 0.0000, 0.0000



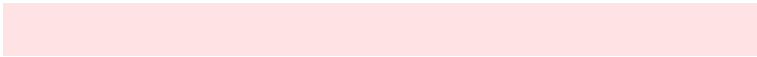
20.3446, 21.4041, 23.3091

Same Dimension

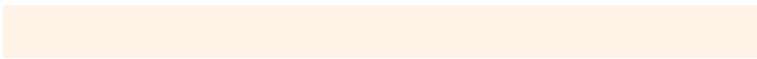
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3833, 84.2415, 88.1579



82.7148, 81.7786, 84.9070



87.3583, 90.4171, 88.4537



18.0399, 17.9993, 18.8274



21.5923, 11.1262, 1.2374



2.1126, 1.0874, 0.1745

Inverse Universe

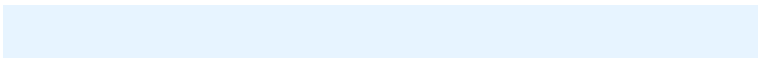
The Inverse Universe completely reimagines the original color for something new.



84.3833, 84.2415, 88.1579



82.7148, 81.7786, 84.9070



83.4187, 89.0334, 107.3963



18.0399, 17.9993, 18.8274



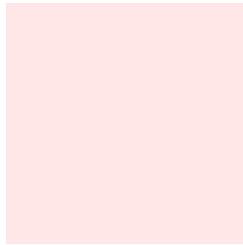
21.5923, 11.1262, 1.2374



2.1126, 1.0874, 0.1745

Previews

White Background



This preview shows how the XYZ color 84.3814, 84.2380, 88.1561 looks on a white background.

Color Contrast Check

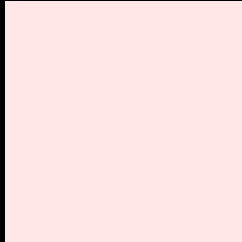
Large Text (above 18pt) WCAG AA × Fail

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 84.3814, 84.2380, 88.1561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

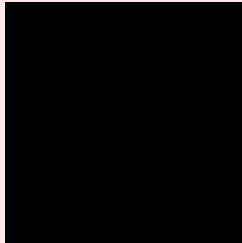
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

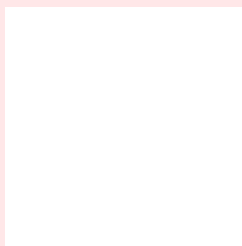
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3814, 84.2380, 88.1561

Background



This preview shows how black text looks on a background with the XYZ color 84.3814, 84.2380, 88.1561.



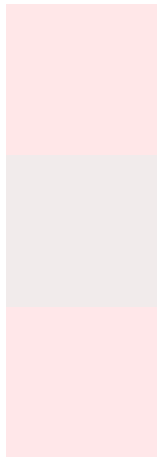
This preview shows how white text looks on a background with the XYZ color 84.3814, 84.2380,

88.1561.

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

84.3814, 84.2380, 88.1561

Protanopia

80.9794, 84.1156, 90.5651

Deuteranopia

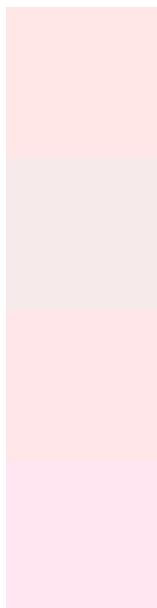
84.5239, 84.2950, 88.9065



Tritanopia

86.1714, 84.5074, 98.9586

Trichromacy



Original Color

84.3814, 84.2380, 88.1561

Protanomaly

82.2801, 84.3790, 89.7920

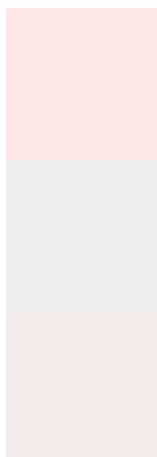
Deuteranomaly

84.5239, 84.2950, 88.9065

Tritanomaly

85.4140, 84.2045, 94.9704

Monochromacy



Original Color

84.3814, 84.2380, 88.1561

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.1569, 84.7059, 91.3766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3814, 84.2380, 88.1561 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, 231, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 232)  
}
```

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, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 232) }
```

Border

The CSS property to change the border of an element to XYZ 84.3814, 84.2380, 88.1561 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, 231, 232) }
```


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

```
.border{ border-color:rgb(255, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3814, 84.2380, 88.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 232) }
```

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

```
.background{ background-color: rgb(255,  
231, 232) }
```

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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