Converting Colors

XYZ(84.4141, 84.3882, 87.9055)

Have a look what the booklet for XYZ(84.4141, 84.3882, 87.9055) contains.

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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

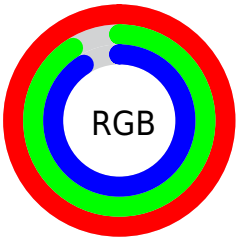
Format	Color
RYB	255, 231, 232
Decimal	16771048
CIELab	93.55, 8.34, 2.48
CIELCh	94, 8.697, 16.564
Yxy	84.2380, 0.3286, 0.3281
Android (android.graphics.Color)	4294961128 (0xFFFFE7E8)
YUV	238.2900, -3.1010, 14.6547
Hunter-Lab	91.7813, 3.4912, 7.2987

Details

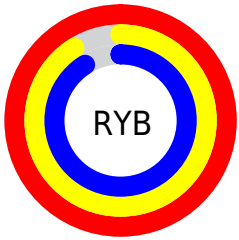
The XYZ color 84.3814, 84.2380, 88.1561 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 86.6070, 95.6660, 107.6703, and the grayscale version is 81.5100, 85.7549, 93.3871.

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

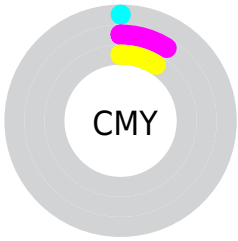


- Red (100%)
- Green (91%)
- Blue (91%)



- 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

427.5510, 436.3383, 464.3669

3.8628

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

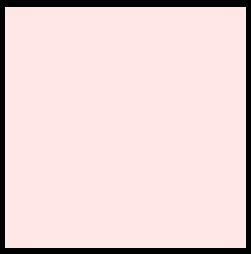
White Background

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



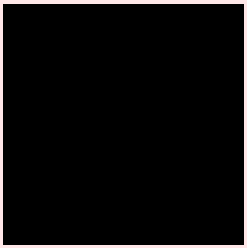
This preview shows how the XYZ color 84.3814, 84.2380, 88.1561 looks on a black background.

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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