

Converting Colors

XYZ(107.2774, 96.4270,
88.3319)

Have a look what the booklet for
XYZ(107.2774, 96.4270, 88.3319)
contains.

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Color

**XYZ(84.5204, 84.7427,
87.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E7
RGB	255, 232, 231
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0902, 0.0941
CMYK	0.00, 0.09, 0.09, 0.00
HSL	3°, 100%, 95%
HSV	3°, 9%, 100%
XYZ	84.5204, 84.7427, 87.5036
YIQ	238.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 232, 231
Decimal	16771303
CIE Lab	93.77, 7.66, 3.32
CIE LCh	94, 8.346, 23.417
Yxy	84.7427, 0.3292, 0.3300
Android (android.graphics.Color)	4294961383 (0xFFFFE8E7)
YUV	238.7630, -3.8272, 14.2398
Hunter-Lab	92.0558, 2.7909, 8.0810

Details

The XYZ color **84.5204, 84.7427, 87.5036** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4460, 95.0901, 108.4058**, and the grayscale version is **81.8827, 86.1469, 93.8140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5519, 46.1516, 47.0120** is the 20% darker color. If you saturate the color by 10%, you get **74.7721, 70.5959, 67.7611**, 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 84.5204, 84.7427, 87.5036 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 84.5204, 84.7427, 87.5036 by changing the saturation by 10% instead.


 84.5204, 84.7427,
87.5036

 84.5204, 84.7427,
87.5036


498.5474,
510.7763, 540.2354

 63.7663, 63.6288,
65.3500


138.6204,
140.0136, 145.7709

 46.7224, 46.3501,
47.2918


172.6970,
174.9395, 182.7218

 33.0233, 32.5222,
32.9104


211.9453,
215.2380, 225.4421

 22.3036, 21.7607,
21.7873

256.7304,
261.2938, 274.3505

 14.1980, 13.6811,
13.5039

307.4178,
313.4911, 329.8655

 8.3411, 7.8992,
7.6416

364.3729,

 4.3676, 4.0305,

372.2144, 392.4056

3.7820

427.9610,
437.8480, 462.3894

■ 1.9121, 1.6907,
1.5065

■ 0.5839, 0.4176,
0.2228

■ 84.5204, 84.7427,
87.5036

■ 84.5204, 84.7427,
87.5036

■ 74.7721, 70.5959,
67.7611

95.0500, 100.0000,
108.9000

■ 66.4408, 58.4802,
50.9669

■ 59.4625, 48.3056,
36.9813

■ 53.7657, 39.9712,
25.6509

■ 49.2723, 33.3671,
16.8079

■ 45.8960, 28.3717,
10.2653

■ 43.5387, 24.8474,
5.8097

■ 42.0853, 22.6340,
3.1877

■ 41.3810, 21.5289,
2.0176

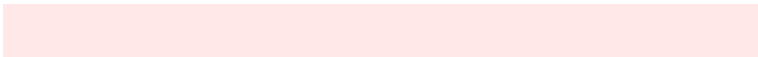
Harmonies

Analogous

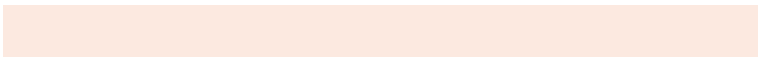
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8543, 84.7427, 93.6770



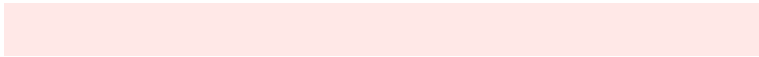
84.5204, 84.7427, 87.5036



83.1126, 84.7427, 82.8111

Triad

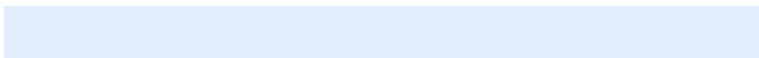
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5204, 84.7427, 87.5036



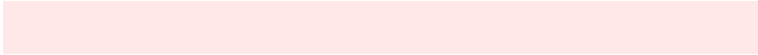
77.1710, 84.7427, 85.1845



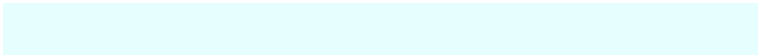
80.0577, 84.7427, 104.9361

Complementary

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



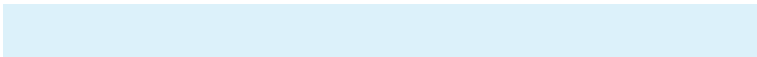
84.5204, 84.7427, 87.5036



86.4460, 95.0901, 108.4058

Split Complementary

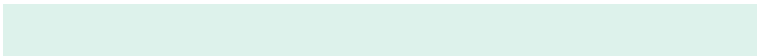
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0316, 84.7427, 102.4239



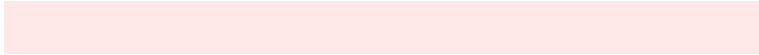
84.5204, 84.7427, 87.5036



76.3849, 84.7427, 90.8779

Square

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



84.5204, 84.7427, 87.5036



78.8633, 84.7427, 81.5158



76.6970, 84.7427, 97.2072



82.2512, 84.7427, 103.9316

Rectangle

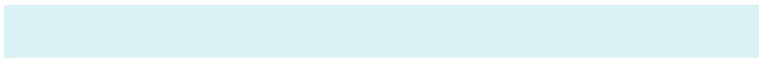
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



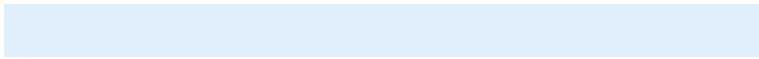
84.5204, 84.7427, 87.5036



81.7681, 84.7427, 81.0584



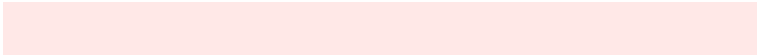
76.6970, 84.7427, 97.2072



79.3350, 84.7427, 104.4713

Sweetspot

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



84.5223, 84.7462, 87.5054



91.5487, 94.9292, 101.7772



87.7378, 85.5813, 105.8286



19.3998, 20.0358, 21.3874



0.0000, 0.0000, 0.0000



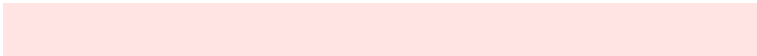
20.3446, 21.4041, 23.3091

Same Dimension

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



84.5223, 84.7462, 87.5054



82.8757, 82.3583, 84.1656



87.9548, 91.6112, 88.6495



18.0703, 18.1088, 18.6873



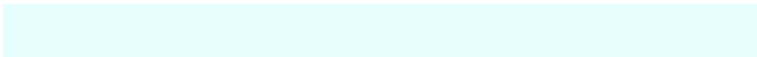
21.6357, 11.2826, 1.0374



2.1271, 1.1395, 0.1078

Inverse Universe

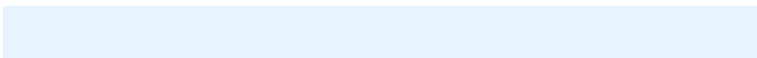
The Inverse Universe completely reimagines the original color for something new.



86.4460, 95.0901, 108.4058



85.0994, 94.3161, 108.3273



82.8175, 87.8331, 107.1963



18.4859, 20.3434, 23.2023



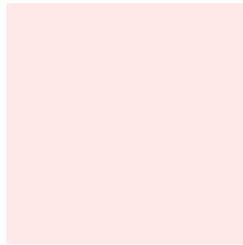
26.4158, 37.7413, 55.3271



2.5914, 3.7136, 5.3935

Previews

White Background



This preview shows how the XYZ color 84.5204, 84.7427, 87.5036 looks on a white background.

Color Contrast Check

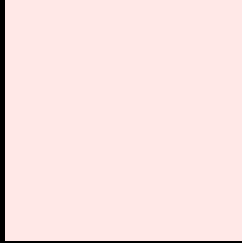
Large Text (above 18pt) WCAG AA × Fail

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 84.5204, 84.7427, 87.5036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

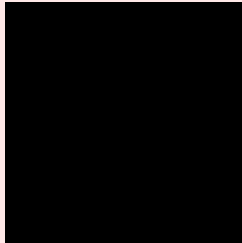
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

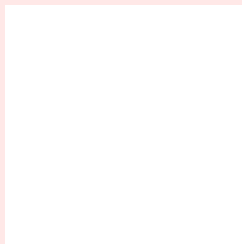
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5204, 84.7427, 87.5036

Background



This preview shows how black text looks on a background with the XYZ color 84.5204, 84.7427, 87.5036.



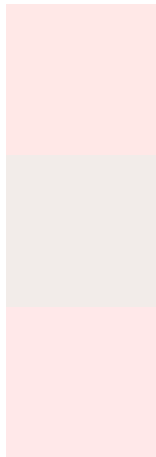
This preview shows how white text looks on a background with the XYZ color 84.5204, 84.7427,

87.5036.

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

84.5204, 84.7427, 87.5036

Protanopia

81.3214, 84.7513, 89.1633

Deuteranopia

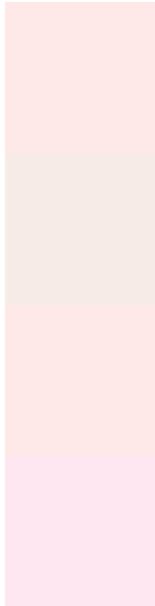
84.8046, 84.8564, 89.0000



Tritanopia

86.1714, 84.5074, 98.9586

Trichromacy



Original Color

84.5204, 84.7427, 87.5036

Protanomaly

82.6316, 85.0170, 88.3987

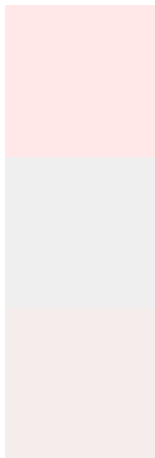
Deuteranomaly

84.6621, 84.7994, 88.2497

Tritanomaly

85.6931, 84.7627, 95.0634

Monochromacy



Original Color

84.5204, 84.7427, 87.5036

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7920, 85.4595, 91.4886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5204, 84.7427, 87.5036 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, 232, 231) looks like.

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

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, 232, 231) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 84.5204, 84.7427, 87.5036 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, 232, 231) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 84.5204, 84.7427, 87.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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