

Converting Colors

XYZ(84.8195, 84.9063, 85.3344)

Have a look what the booklet for
XYZ(84.8195, 84.9063, 85.3344)
contains.

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Color

**XYZ(84.1002, 84.5747,
85.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E4
RGB	255, 232, 228
RGB Percent	100%, 91%, 89%
CMY	0.0000, 0.0902, 0.1059
CMYK	0.00, 0.09, 0.11, 0.00
HSL	9°, 100%, 95%
HSV	9°, 11%, 100%
XYZ	84.1002, 84.5747, 85.2908
YIQ	238.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

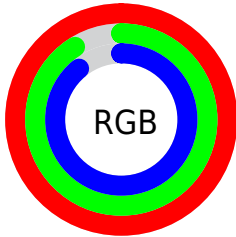
Format	Color
RYB	255, 233, 228
Decimal	16771300
CIELab	93.70, 7.17, 4.77
CIElCh	94, 8.616, 33.636
Yxy	84.5747, 0.3311, 0.3330
Android (android.graphics.Color)	4294961380 (0xFFFFE8E4)
YUV	238.4210, -5.1376, 14.5398
Hunter-Lab	91.9645, 2.2978, 9.3877

Details

The XYZ color **84.1002, 84.5747, 85.2908** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5412, 92.7058, 108.0460**, and the grayscale version is **81.6265, 85.8774, 93.5205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3569, 46.0736, 45.9850** is the 20% darker color. If you saturate the color by 10%, you get **75.0781, 71.7838, 66.0877**, and if you desaturate by 10%, it is **94.4039, 99.0924, 107.4992**.

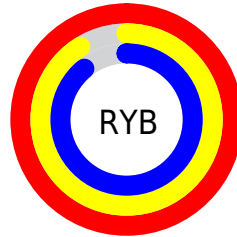
Distribution



Red (100%)

Green (91%)

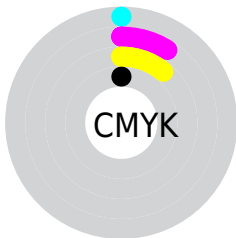
Blue (89%)



Red (100%)

Yellow (91%)

Blue (89%)

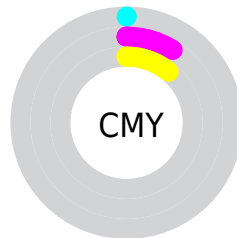


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1002, 84.5747, 85.2908 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 84.1002, 84.5747, 85.2908 by changing the saturation by 10% instead.


 84.1002, 84.5747,
85.2908

 84.1002, 84.5747,
85.2908


497.1746,
510.2197, 532.7595

 63.4182, 63.4900,
63.5302


138.0359,
139.7788, 142.6572

 46.4395, 46.2378,
45.8265

172.0202,
174.6670, 179.1000

 32.7989, 32.4335,
31.7612


211.1693,
214.9252, 221.2739

 22.1309, 21.6928,
20.9159

255.8486,
260.9378, 269.5975

 14.0703, 13.6314,
12.8719

306.4234,
313.0892, 324.4893

 8.2516, 7.8647,
7.2107

363.2591,

 4.3095, 4.0085,

371.7637, 386.3679

3.5138

426.7211,
437.3457, 455.6518

■ 1.8787, 1.6783,
1.3626

■ 0.5644, 0.4096,
0.1123

■ 84.1002, 84.5747,
85.2908

■ 84.1002, 84.5747,
85.2908

■ 75.0781, 71.7838,
66.0877

94.4039, 99.0924,
107.4992

■ 67.2814, 60.6452,
49.7554

95.0500, 100.0000,
108.9000

■ 60.6586, 51.0943,
36.1574

■ 55.1521, 43.0586,
25.1435

■ 50.6995, 36.4596,
16.5495

■ 47.2320, 31.2119,
10.1920

■ 44.6724, 27.2207,
5.8612

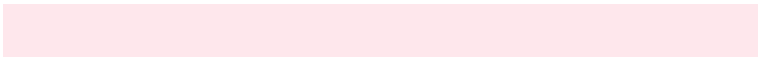
■ 42.9313, 24.3788,
3.3071

■ 41.9275, 22.6349,
2.1592

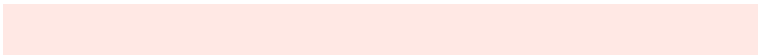
Harmonies

Analogous

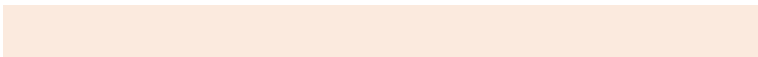
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8515, 84.5747, 91.2917



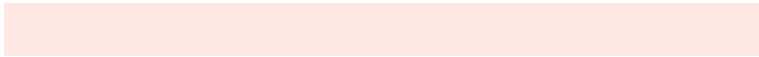
84.1002, 84.5747, 85.2908



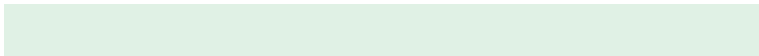
82.3530, 84.5747, 81.2652

Triad

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



84.1002, 84.5747, 85.2908



76.5123, 84.5747, 86.6109



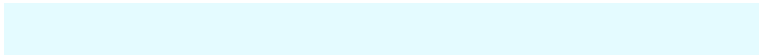
80.6647, 84.5747, 105.2271

Complementary

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



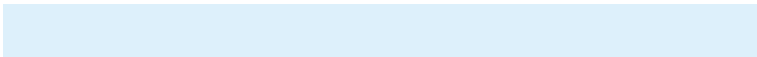
84.1002, 84.5747, 85.2908



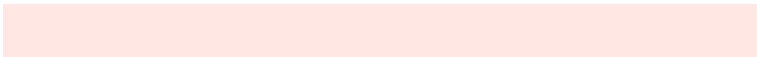
84.5412, 92.7058, 108.0460

Split Complementary

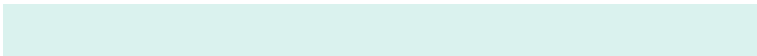
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4500, 84.5747, 103.8303



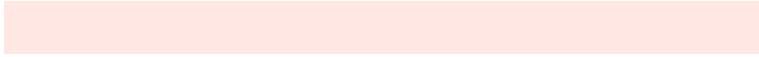
84.1002, 84.5747, 85.2908



76.0794, 84.5747, 92.8878

Square

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



84.1002, 84.5747, 85.2908



77.9761, 84.5747, 82.0016



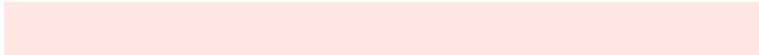
76.7822, 84.5747, 99.2360



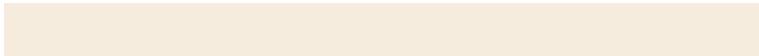
82.8445, 84.5747, 102.9682

Rectangle

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



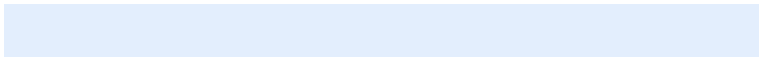
84.1002, 84.5747, 85.2908



80.8738, 84.5747, 80.1375



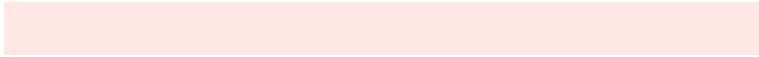
76.7822, 84.5747, 99.2360



79.8996, 84.5747, 105.1700

Sweetspot

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



84.1022, 84.5782, 85.2926



91.7992, 95.4303, 101.8607



86.4596, 83.7380, 103.2041



19.4671, 20.1704, 21.4098



0.0000, 0.0000, 0.0000



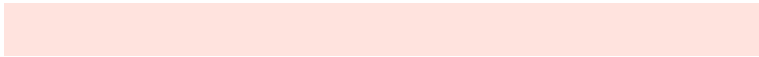
20.3446, 21.4041, 23.3091

Same Dimension

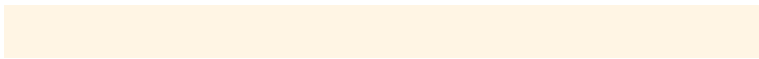
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1022, 84.5782, 85.2926



81.8101, 81.3367, 80.3896



87.9267, 92.2272, 86.5674



18.2268, 18.4217, 18.7394



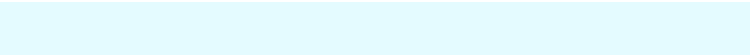
21.9728, 11.9568, 1.1498



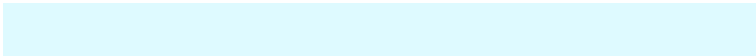
2.2008, 1.2869, 0.1324

Inverse Universe

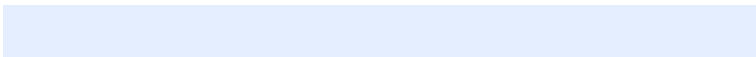
The Inverse Universe completely reimagines the original color for something new.



84.5412, 92.7058, 108.0460



82.3397, 91.1488, 107.8614



80.5912, 84.8057, 106.7293



18.3118, 19.9952, 23.1443



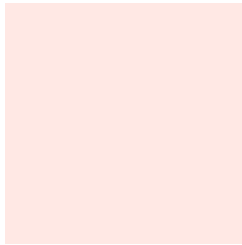
22.5079, 29.9254, 54.0245



2.2512, 3.0331, 5.2801

Previews

White Background



This preview shows how the XYZ color 84.1002, 84.5747, 85.2908 looks on a white background.

Color Contrast Check

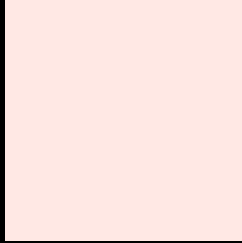
Large Text (above 18pt) WCAG AA × Fail

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 84.1002, 84.5747, 85.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

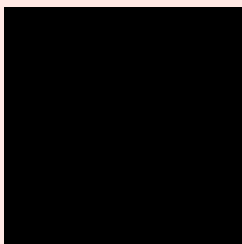
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

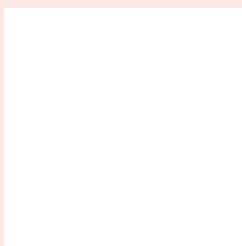
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1002, 84.5747, 85.2908

Background



This preview shows how black text looks on a background with the XYZ color 84.1002, 84.5747, 85.2908.



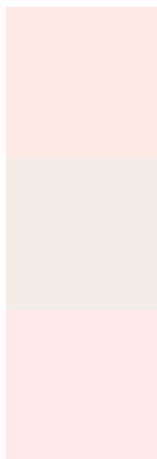
This preview shows how white text looks on a background with the XYZ color 84.1002, 84.5747,

85.2908.

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

84.1002, 84.5747, 85.2908

Protanopia

81.2405, 84.7588, 86.9412

Deuteranopia

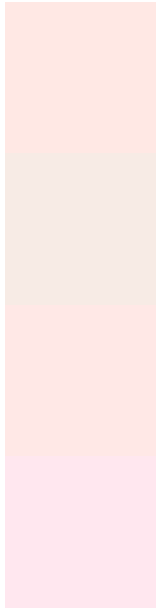
84.5204, 84.7427, 87.5036



Tritanopia

86.1714, 84.5074, 98.9586

Trichromacy



Original Color

84.1002, 84.5747, 85.2908

Protanomaly

82.2090, 84.8480, 86.1732

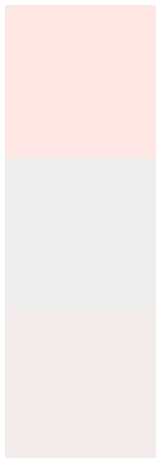
Deuteranomaly

84.3795, 84.6864, 86.7617

Tritanomaly

85.3959, 84.6438, 93.4984

Monochromacy



Original Color

84.1002, 84.5747, 85.2908

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.1550, 85.1645, 89.9503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1002, 84.5747, 85.2908 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, 228) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 228) }
```

Border

The CSS property to change the border of an element to XYZ 84.1002, 84.5747, 85.2908 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, 228) }
```


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

```
.border{ border-color:rgb(255, 232, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1002, 84.5747, 85.2908 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
232, 228) }
```

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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