

Converting Colors

XYZ(83.4326, 84.6185, 87.3769)

Have a look what the booklet for
XYZ(83.4326, 84.6185, 87.3769)
contains.

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Color

**XYZ(83.3464, 84.5566,
87.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE9E7
RGB	251, 233, 231
RGB Percent	98%, 91%, 91%
CMY	0.0157, 0.0863, 0.0941
CMYK	0.00, 0.07, 0.08, 0.02
HSL	6°, 71%, 95%
HSV	6°, 8%, 98%
XYZ	83.3464, 84.5566, 87.5295
YIQ	238.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

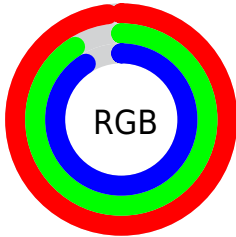
Format	Color
R _Y B	251, 233, 231
Decimal	16509415
CIE Lab	93.69, 5.77, 3.16
CIE LCh	94, 6.578, 28.712
Yxy	84.5566, 0.3263, 0.3310
Android (android.graphics.Color)	4294699495 (0xFFFB E9E7)
YUV	238.1540, -3.5269, 11.2659
Hunter-Lab	91.9547, 0.8692, 7.9315

Details

The XYZ color **83.3464, 84.5566, 87.5295** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2430, 91.7037, 104.5283**, and the grayscale version is **81.4096, 85.6492, 93.2720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7081, 46.0088, 47.0289** is the 20% darker color. If you saturate the color by 10%, you get **74.0635, 71.2625, 68.1813**, and if you desaturate by 10%, it is **93.5941, 99.2495, 108.8319**.

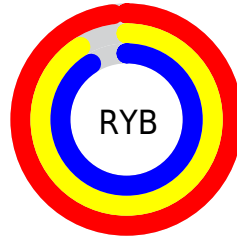
Distribution



Red (98%)

Green (91%)

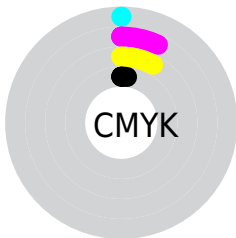
Blue (91%)



Red (98%)

Yellow (91%)

Blue (91%)

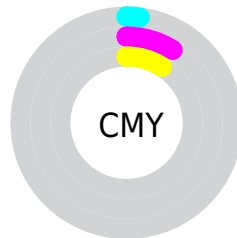


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (9%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3464, 84.5566, 87.5295 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 83.3464, 84.5566, 87.5295 by changing the saturation by 10% instead.


 83.3464, 84.5566,
87.5295

 83.3464, 84.5566,
87.5295


494.7067,
510.1597, 540.3225

 62.7938, 63.4751,
65.3714


136.9865,
139.7535, 145.8073

 45.9325, 46.2256,
47.3090


170.8048,
174.6377, 182.7641

 32.3969, 32.4239,
32.9239


209.7757,
214.8915, 225.4908

 21.8219, 21.6855,
21.7975

254.2645,
260.8995, 274.4060

 13.8419, 13.6260,
13.5113

304.6367,
313.0458, 329.9282

 8.0918, 7.8610,
7.6467

361.2576,

 4.2060, 4.0061,

371.7151, 392.4760

3.7852

424.4925,
437.2916, 462.4680

■ 1.8193, 1.6770,
1.5083

■ 0.5293, 0.4087,
0.2241

■ 83.3464, 84.5566,
87.5295

■ 83.3464, 84.5566,
87.5295

■ 74.0635, 71.2625,
68.1813

■ 93.5941, 99.2495,
108.8319

■ 66.0526, 59.7343,
51.6578

■ 59.2603, 49.9011,
37.8285

■ 53.6265, 41.6827,
26.5504

■ 49.0862, 34.9927,
17.6671

■ 45.5679, 29.7365,
11.0053

■ 42.9912, 25.8087,
6.3680

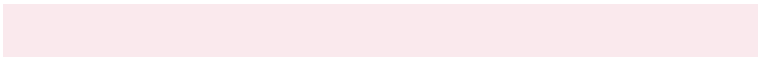
■ 41.2638, 23.0898,
3.5237

■ 40.2699, 21.4363,
2.1616

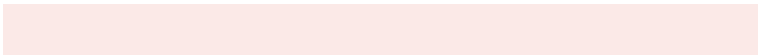
Harmonies

Analogous

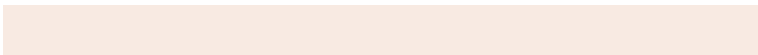
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7688, 84.5566, 92.2839



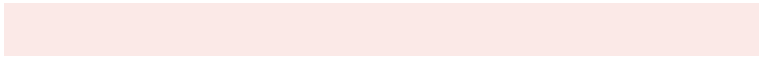
83.3464, 84.5566, 87.5295



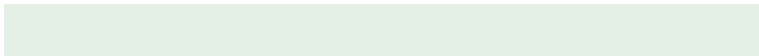
82.1231, 84.5566, 84.1001

Triad

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



83.3464, 84.5566, 87.5295



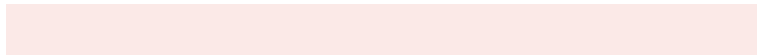
77.5360, 84.5566, 87.1683



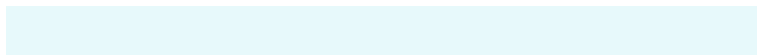
80.2931, 84.5566, 102.0095

Complementary

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



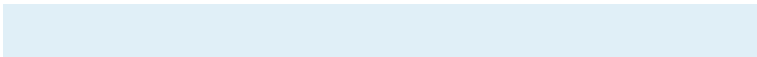
83.3464, 84.5566, 87.5295



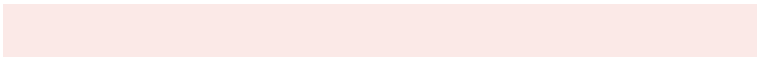
84.2430, 91.7037, 104.5283

Split Complementary

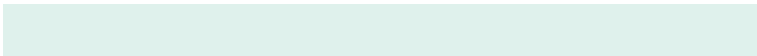
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6391, 84.5566, 100.5234



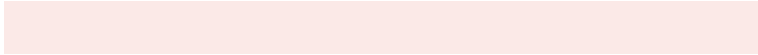
83.3464, 84.5566, 87.5295



77.0615, 84.5566, 91.8520

Square

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



83.3464, 84.5566, 87.5295



78.7679, 84.5566, 83.8969



77.4624, 84.5566, 96.7602



81.9907, 84.5566, 100.7526

Rectangle

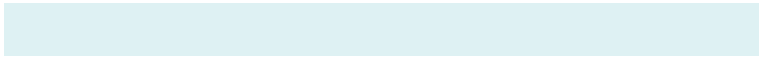
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



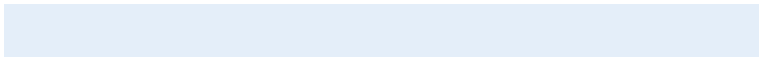
83.3464, 84.5566, 87.5295



81.0269, 84.5566, 82.9649



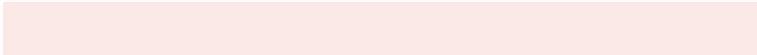
77.4624, 84.5566, 96.7602



79.7137, 84.5566, 101.8133

Sweetspot

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



83.3488, 84.5603, 87.5313



92.7931, 96.7829, 104.1505



85.4596, 84.5018, 101.4299



19.8852, 20.7492, 22.3422



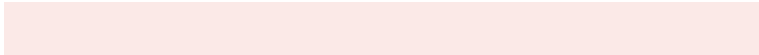
0.0000, 0.0000, 0.0000



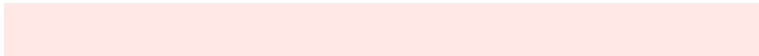
20.3446, 21.4041, 23.3091

Same Dimension

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



83.3488, 84.5603, 87.5313



84.3251, 84.6897, 86.3976



86.2592, 90.3811, 88.5014



17.3845, 17.5049, 17.9249



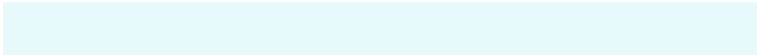
21.1433, 11.2433, 1.0558



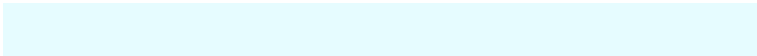
2.0034, 1.1316, 0.1128

Inverse Universe

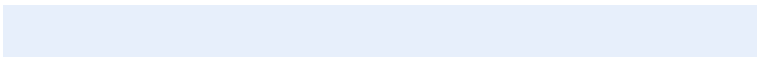
The Inverse Universe completely reimagines the original color for something new.



84.2430, 91.7037, 104.5283



85.4730, 93.8606, 108.2197



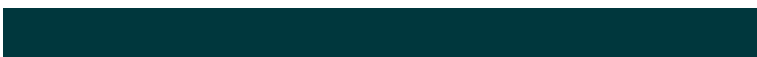
81.2352, 85.6882, 103.5257



17.6084, 19.2937, 22.1813



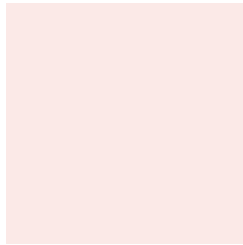
23.4878, 32.3312, 52.9762



2.2170, 3.0778, 4.9204

Previews

White Background



This preview shows how the XYZ color 83.3464, 84.5566, 87.5295 looks on a white background.

Color Contrast Check

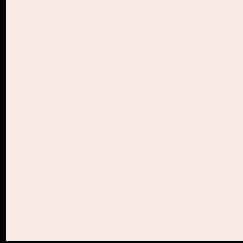
Large Text (above 18pt) WCAG AA × Fail

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 83.3464, 84.5566, 87.5295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

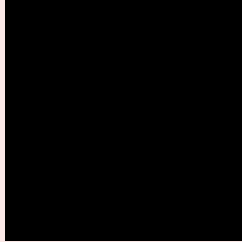
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

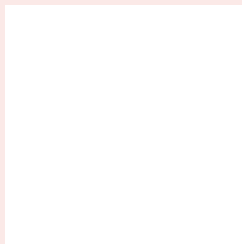
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3464, 84.5566, 87.5295

Background



This preview shows how black text looks on a background with the XYZ color 83.3464, 84.5566, 87.5295.



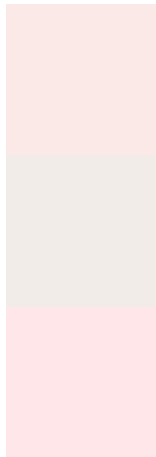
This preview shows how white text looks on a background with the XYZ color 83.3464, 84.5566,

87.5295.

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

83.3464, 84.5566, 87.5295

Protanopia

81.3214, 84.7513, 89.1633

Deuteranopia

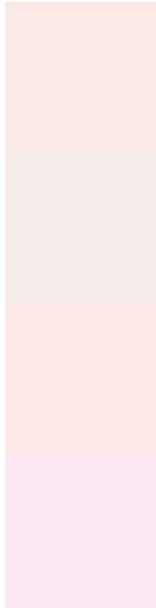
84.5239, 84.2950, 88.9065



Tritanopia

85.7481, 84.2536, 100.5501

Trichromacy



Original Color

83.3464, 84.5566, 87.5295

Protanomaly

81.9300, 84.6553, 88.3659

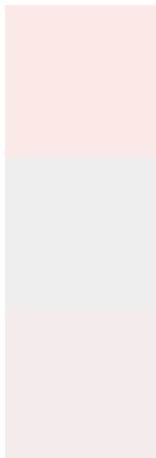
Deuteranomaly

84.2952, 84.6103, 88.2325

Tritanomaly

84.7478, 84.2581, 95.8011

Monochromacy



Original Color

83.3464, 84.5566, 87.5295

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.9530, 85.0438, 90.6930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3464, 84.5566, 87.5295 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(251, 233, 231) looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 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(251, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 231) }
```

Border

The CSS property to change the border of an element to XYZ 83.3464, 84.5566, 87.5295 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(251, 233, 231) }
```


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

```
.border{ border-color:rgb(251, 233, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3464, 84.5566, 87.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 231) }
```

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

```
.background{ background-color: rgb(251,  
233, 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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