

Converting Colors

XYZ(82.1802, 83.2608, 80.7880)

Have a look what the booklet for
XYZ(82.1802, 83.2608, 80.7880)
contains.

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Color

**XYZ(82.2687, 83.3084,
80.8513)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE7DE
RGB	253, 231, 222
RGB Percent	99%, 91%, 87%
CMY	0.0078, 0.0941, 0.1294
CMYK	0.00, 0.09, 0.12, 0.01
HSL	17°, 89%, 93%
HSV	17°, 12%, 99%
XYZ	82.2687, 83.3084, 80.8513
YIQ	236.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

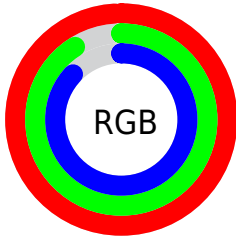
Format	Color
R _Y B	253, 235, 222
Decimal	16639966
CIE Lab	93.15, 6.04, 7.08
CIE LCh	93, 9.303, 49.554
Yxy	83.3084, 0.3338, 0.3381
Android (android.graphics.Color)	4294830046 (0xFFFDE7DE)
YUV	236.5520, -7.1741, 14.4249
Hunter-Lab	91.2734, 1.1613, 11.3715

Details

The XYZ color **82.2687, 83.3084, 80.8513** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.2040, 87.3209, 105.5566**, and the grayscale version is **80.1986, 84.3752, 91.8846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0700, 45.1857, 42.9055** is the 20% darker color. If you saturate the color by 10%, you get **74.3603, 72.5166, 62.7221**, and if you desaturate by 10%, it is **91.2059, 95.3417, 101.8357**.

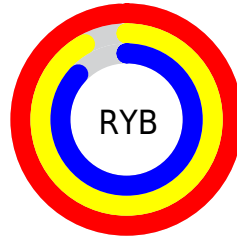
Distribution



Red (99%)

Green (91%)

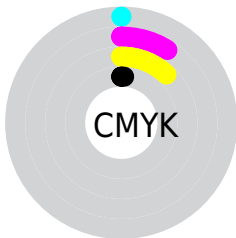
Blue (87%)



Red (99%)

Yellow (92%)

Blue (87%)

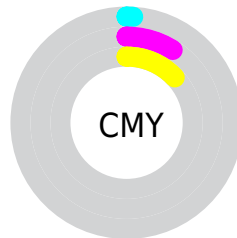


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2687, 83.3084, 80.8513 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 82.2687, 83.3084, 80.8513 by changing the saturation by 10% instead.

 82.2687, 83.3084,
80.8513

 82.2687, 83.3084,
80.8513


491.1669,
506.0138, 517.5794

 61.9019, 62.4446,
59.8889


135.4846,
138.0073, 136.3841

 45.2087, 45.3920,
42.9043


169.0644,
172.6112, 171.7916

 31.8239, 31.7663,
29.4792

207.7793,
212.5640, 212.8512

 21.3819, 21.1831,
19.1950

251.9946,
258.2499, 259.9814

 13.5175, 13.2579,
11.6330

302.0756,
310.0535, 313.6008

 7.8653, 7.6064,
6.3748

358.3878,

 4.0599, 3.8441,

368.3590, 374.1279

3.0018

421.2964,
433.5510, 441.9812

■ 1.7361, 1.5868,
1.0956

■ 0.4787, 0.3486,
0.0000

■ 82.2687, 83.3084,
80.8513

■ 82.2687, 83.3084,
80.8513

■ 74.3603, 72.5166,
62.7221

■ 91.2059, 95.3417,
101.8357

■ 67.4358, 62.9153,
47.3186

■ 94.3183, 99.6228,
108.8658

■ 61.4569, 54.4661,
34.5094

■ 56.3802, 47.1242,
24.1497

■ 52.1587, 40.8420,
16.0805

■ 48.7404, 35.5680,
10.1241

■ 46.0673, 31.2459,
6.0757

■ 44.0716, 27.8129,
3.6889

■ 42.9232, 25.7126,
2.7007

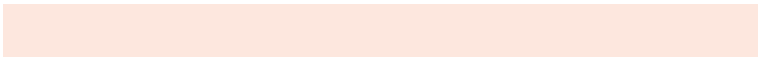
Harmonies

Analogous

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



83.6915, 83.3084, 86.2803



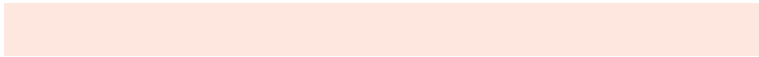
82.2687, 83.3084, 80.8513



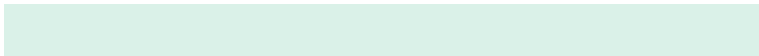
80.0369, 83.3084, 78.1117

Triad

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



82.2687, 83.3084, 80.8513



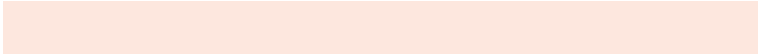
74.6519, 83.3084, 88.2913



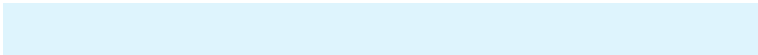
80.7647, 83.3084, 103.9853

Complementary

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



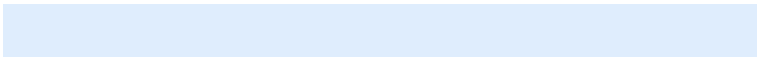
82.2687, 83.3084, 80.8513



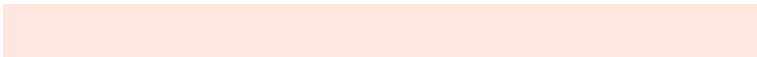
80.2040, 87.3209, 105.5566

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.



78.3335, 83.3084, 104.5920



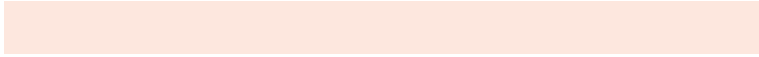
82.2687, 83.3084, 80.8513



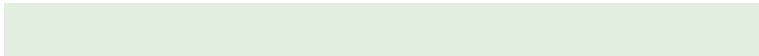
74.8377, 83.3084, 95.2861

Square

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



82.2687, 83.3084, 80.8513



75.6609, 83.3084, 82.2583



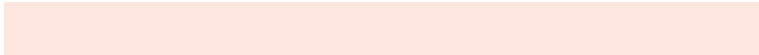
76.1738, 83.3084, 101.3364



82.8109, 83.3084, 99.7188

Rectangle

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



82.2687, 83.3084, 80.8513



78.4051, 83.3084, 78.0788



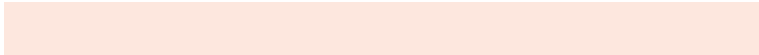
76.1738, 83.3084, 101.3364



79.9643, 83.3084, 104.6321

Sweetspot

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



82.2710, 83.3121, 80.8531



91.1854, 94.8294, 99.7241



82.9923, 79.6711, 96.7653



19.3660, 20.0942, 20.9873



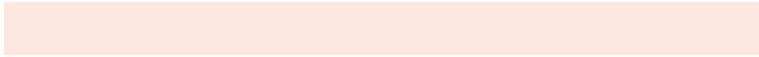
0.0000, 0.0000, 0.0000



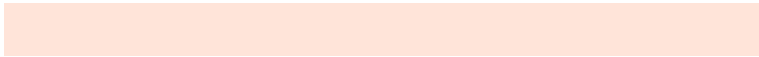
20.3446, 21.4041, 23.3091

Same Dimension

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



82.2710, 83.3121, 80.8531



81.4370, 81.6669, 76.9464



86.7357, 92.2415, 82.3413



18.4392, 18.8465, 18.8102



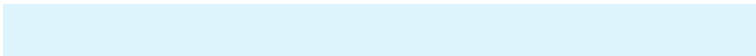
22.9414, 13.8941, 1.4727



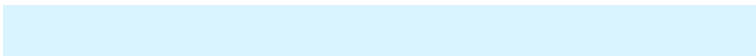
2.3229, 1.5312, 0.1731

Inverse Universe

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



80.2040, 87.3209, 105.5566



78.9084, 86.5682, 107.1582



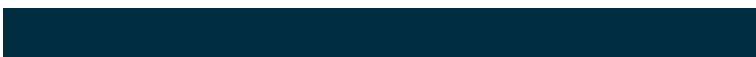
75.7958, 78.5045, 104.0872



18.0830, 19.5376, 23.0680



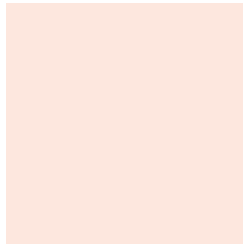
18.1930, 21.2956, 52.5862



1.8656, 2.2619, 5.1515

Previews

White Background



This preview shows how the XYZ color 82.2687, 83.3084, 80.8513 looks on a white background.

Color Contrast Check

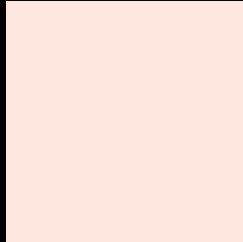
Large Text (above 18pt) WCAG AA × Fail

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 82.2687, 83.3084, 80.8513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

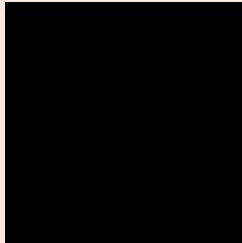
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2687, 83.3084, 80.8513

Background



This preview shows how black text looks on a background with the XYZ color 82.2687, 83.3084, 80.8513.



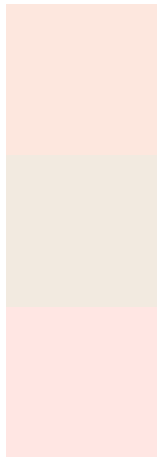
This preview shows how white text looks on a background with the XYZ color 82.2687, 83.3084,

80.8513.

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

82.2687, 83.3084, 80.8513

Protanopia

79.4953, 83.1047, 82.3720

Deuteranopia

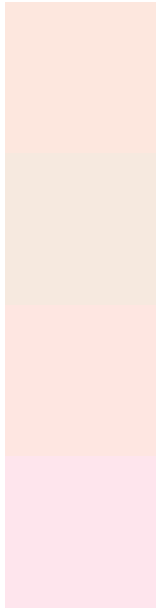
83.4019, 83.3997, 84.3750



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

82.2687, 83.3084, 80.8513

Protanomaly

80.4642, 83.1984, 81.6300

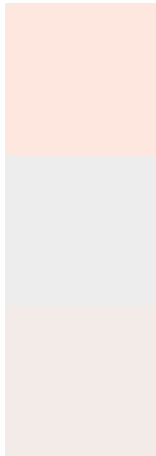
Deuteranomaly

82.7605, 83.1007, 82.9123

Tritanomaly

84.1784, 83.2239, 91.7479

Monochromacy



Original Color

82.2687, 83.3084, 80.8513

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2360, 84.2975, 88.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2687, 83.3084, 80.8513 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(253, 231, 222) looks like.

```
.text, #text, p{  
    color:rgb(253, 231, 222)  
}
```

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(253, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 231, 222) }
```

Border

The CSS property to change the border of an element to XYZ 82.2687, 83.3084, 80.8513 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(253, 231, 222) }
```


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

```
.border{ border-color:rgb(253, 231, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 231, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 231, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 231, 222);  
box-shadow:4px 4px 4px 4px rgb(253, 231,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2687, 83.3084, 80.8513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 231, 222) }
```

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

```
.background{ background-color: rgb(253,  
231, 222) }
```

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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