

Converting Colors

XYZ(113.6210, 100.0000,
78.5837)

Have a look what the booklet for
XYZ(113.6210, 100.0000, 78.5837)
contains.

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Color

**XYZ(82.4913, 83.9311,
76.8183)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8D8
RGB	255, 232, 216
RGB Percent	100%, 91%, 85%
CMY	0.0000, 0.0902, 0.1529
CMYK	0.00, 0.09, 0.15, 0.00
HSL	25°, 100%, 92%
HSV	25°, 15%, 100%
XYZ	82.4913, 83.9311, 76.8183
YIQ	237.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

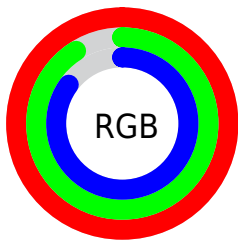
Format	Color
R _Y B	255, 243, 216
Decimal	16771288
CIE Lab	93.42, 5.30, 10.61
CIE LCh	93, 11.858, 63.477
Yxy	83.9311, 0.3391, 0.3451
Android (android.graphics.Color)	4294961368 (0xFFFFE8D8)
YUV	237.0530, -10.3791, 15.7395
Hunter-Lab	91.6139, 0.4012, 14.4151

Details

The XYZ color **82.4913, 83.9311, 76.8183** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2346, 83.5496, 106.6637**, and the grayscale version is **80.6060, 84.8038, 92.3514**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2471, 45.6296, 40.1408** is the 20% darker color. If you saturate the color by 10%, you get **75.3946, 74.6105, 59.4307**, and if you desaturate by 10%, it is **90.4656, 94.1877, 97.0245**.

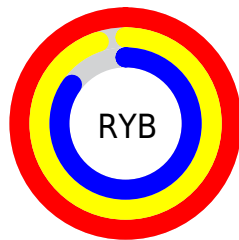
Distribution



Red (100%)

Green (91%)

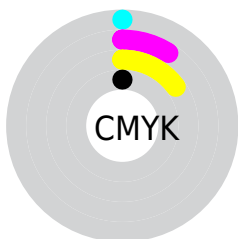
Blue (85%)



Red (100%)

Yellow (95%)

Blue (85%)

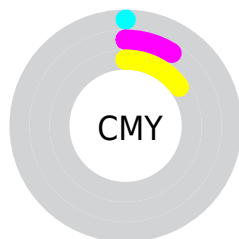


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4913, 83.9311, 76.8183 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 82.4913, 83.9311, 76.8183 by changing the saturation by 10% instead.


 82.4913, 83.9311,
76.8183

 82.4913, 83.9311,
76.8183


491.8992,
508.0844, 503.5655

 62.0861, 62.9586,
56.5931


135.7950,
138.8788, 130.6536

 45.3581, 45.8077,
40.2715

169.4242,
173.6227, 165.1008

 31.9421, 32.0941,
27.4349


208.1920,
213.7259, 205.1258

 21.4726, 21.4334,
17.6648

252.4639,
259.5727, 251.1470

 13.5843, 13.4411,
10.5426

302.6053,
311.5476, 303.5830

 7.9119, 7.7330,
5.6499

358.9813,

 4.0899, 3.9246,

370.0349, 362.8524

2.5681

421.9575,
435.4191, 429.3737

■ 1.7531, 1.6315,
0.8759

■ 0.4892, 0.3787,
0.0000

■ 82.4913, 83.9311,
76.8183

■ 82.4913, 83.9311,
76.8183

■ 75.3946, 74.6105,
59.4307

■ 90.4656, 94.1877,
97.0245

■ 69.1372, 66.1877,
44.7297

95.0500, 100.0000,
108.9000

■ 63.6863, 58.6374,
32.5803

■ 59.0044, 51.9290,
22.8335

■ 55.0507, 46.0296,
15.3250

■ 51.7799, 40.9042,
9.8691

■ 49.1404, 36.5137,
6.2497

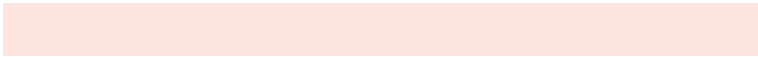
■ 47.0703, 32.8144,
4.2008

■ 46.2559, 31.2918,
3.6020

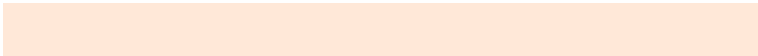
Harmonies

Analogous

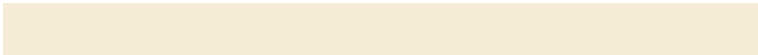
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8990, 83.9311, 82.2066



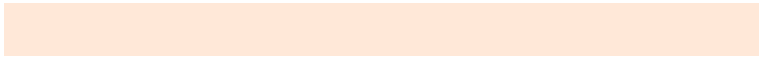
82.4913, 83.9311, 76.8183



79.4096, 83.9311, 75.2421

Triad

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



82.4913, 83.9311, 76.8183



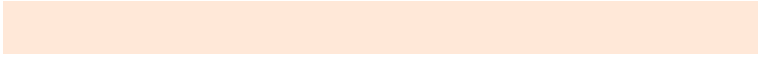
73.9173, 83.9311, 92.4359



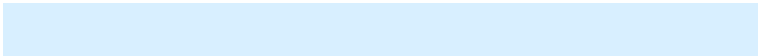
83.1394, 83.9311, 106.5276

Complementary

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



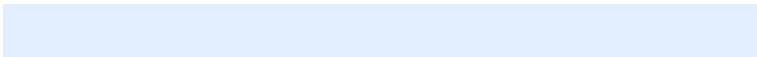
82.4913, 83.9311, 76.8183



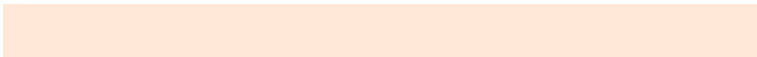
77.2346, 83.5496, 106.6637

Split Complementary

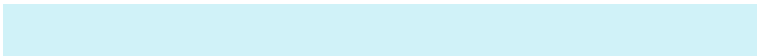
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1395, 83.9311, 109.6898



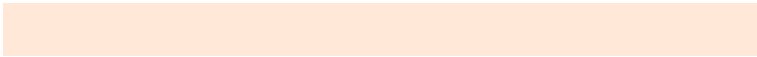
82.4913, 83.9311, 76.8183



74.8595, 83.9311, 101.2259

Square

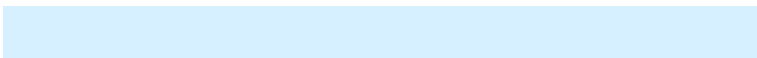
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4913, 83.9311, 76.8183



74.5102, 83.9311, 83.9052



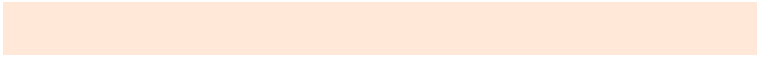
77.1170, 83.9311, 107.6895



85.2800, 83.9311, 99.3002

Rectangle

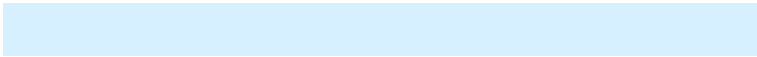
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4913, 83.9311, 76.8183



77.4007, 83.9311, 76.4741



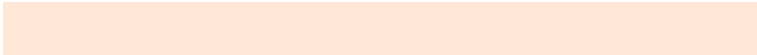
77.1170, 83.9311, 107.6895



82.1953, 83.9311, 108.1219

Sweetspot

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



82.4932, 83.9347, 76.8201



90.7131, 94.5028, 97.6612



81.4356, 76.6283, 92.4707



19.2898, 20.0662, 20.5781



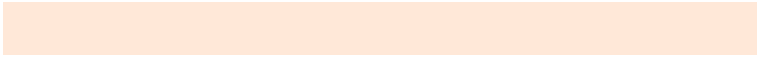
0.0000, 0.0000, 0.0000



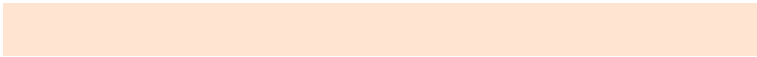
20.3446, 21.4041, 23.3091

Same Dimension

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



82.4932, 83.9347, 76.8201



80.4870, 81.3205, 71.8408



88.1634, 95.2749, 78.7101



18.6216, 19.2113, 18.8710



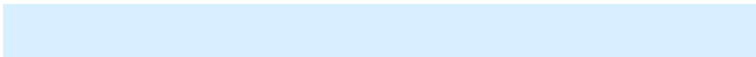
24.3079, 16.6270, 1.9282



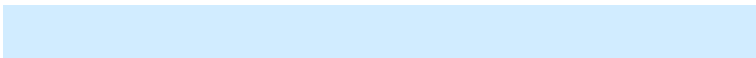
2.4711, 1.8276, 0.2225

Inverse Universe

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



77.2346, 83.5496, 106.6637



74.4152, 80.8748, 106.2960



71.9368, 72.9539, 104.8978



17.8933, 19.1581, 23.0048



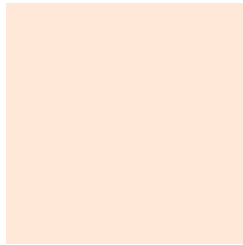
15.3102, 15.5301, 51.6253



1.5983, 1.7273, 5.0624

Previews

White Background



This preview shows how the XYZ color 82.4913, 83.9311, 76.8183 looks on a white background.

Color Contrast Check

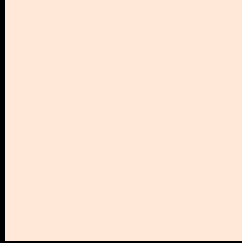
Large Text (above 18pt) WCAG AA × Fail

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 82.4913, 83.9311, 76.8183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

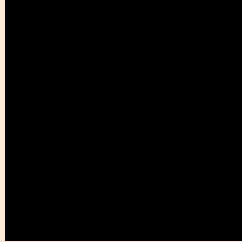
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.4913, 83.9311, 76.8183

Background



This preview shows how black text looks on a background with the XYZ color 82.4913, 83.9311, 76.8183.

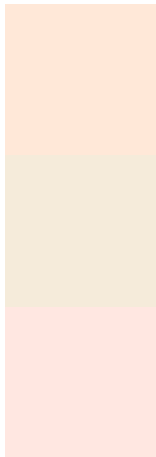


This preview shows how white text looks on a background with the XYZ color 82.4913, 83.9311,

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

82.4913, 83.9311, 76.8183

Protanopia

80.0194, 83.8911, 78.3048

Deuteranopia

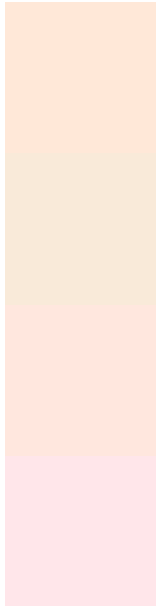
83.4065, 83.8481, 83.0225



Tritanopia

85.5884, 83.8303, 97.2578

Trichromacy



Original Color

82.4913, 83.9311, 76.8183

Protanomaly

81.0141, 83.9951, 77.5884

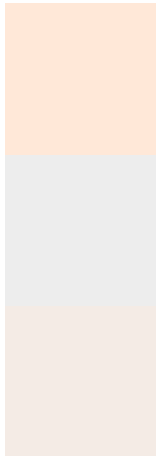
Deuteranomaly

83.0007, 83.6858, 80.8856

Tritanomaly

84.3881, 83.7941, 89.5681

Monochromacy



Original Color

82.4913, 83.9311, 76.8183

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.1594, 84.3069, 86.1240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4913, 83.9311, 76.8183 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 216) }
```

Border

The CSS property to change the border of an element to XYZ 82.4913, 83.9311, 76.8183 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, 216) }
```


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

```
.border{ border-color:rgb(255, 232, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4913, 83.9311, 76.8183 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
232, 216) }
```

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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