

Converting Colors

XYZ(88.9238, 87.4290, 75.7049)

Have a look what the booklet for
XYZ(88.9238, 87.4290, 75.7049)
contains.

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Color

**XYZ(82.2342, 83.8283,
75.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8D6
RGB	255, 232, 214
RGB Percent	100%, 91%, 84%
CMY	0.0000, 0.0902, 0.1608
CMYK	0.00, 0.09, 0.16, 0.00
HSL	26°, 100%, 92%
HSV	26°, 16%, 100%
XYZ	82.2342, 83.8283, 75.4646
YIQ	236.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

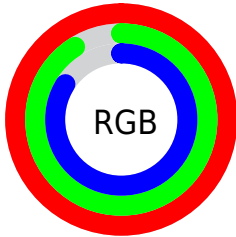
Format	Color
R _Y B	255, 246, 214
Decimal	16771286
CIE Lab	93.38, 4.99, 11.59
CIE LCh	93, 12.615, 66.689
Yxy	83.8283, 0.3405, 0.3471
Android (android.graphics.Color)	4294961366 (0xFFFFE8D6)
YUV	236.8250, -11.2527, 15.9395
Hunter-Lab	91.5578, 0.0967, 15.2219

Details

The XYZ color **82.2342, 83.8283, 75.4646** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0649, 82.0821, 106.4421**, and the grayscale version is **80.4368, 84.6257, 92.1574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0720, 45.5596, 39.2192** is the 20% darker color. If you saturate the color by 10%, you get **75.3662, 74.9023, 58.3464**, and if you desaturate by 10%, it is **89.9437, 93.6207, 95.3806**.

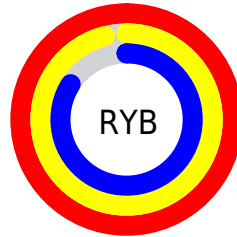
Distribution



Red (100%)

Green (91%)

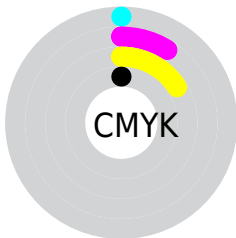
Blue (84%)



Red (100%)

Yellow (96%)

Blue (84%)

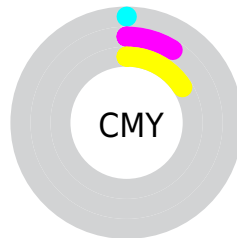


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2342, 83.8283, 75.4646 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 82.2342, 83.8283, 75.4646 by changing the saturation by 10% instead.

 82.2342, 83.8283,
75.4646

 82.2342, 83.8283,
75.4646


491.0534,
507.7429, 498.8109

 61.8734, 62.8737,
55.4896


135.4365,
138.7350, 128.7229

 45.1856, 45.7390,
39.3926


169.0087,
173.4558, 162.8433

 31.8055, 32.0399,
26.7551


207.7153,
213.5342, 202.5159

 21.3678, 21.3920,
17.1586

251.9218,
259.3545, 248.1593

 13.5071, 13.4108,
10.1845

301.9935,
311.3011, 300.1919

 7.8581, 7.7121,
5.4142

358.2958,

 4.0553, 3.9113,

369.7585, 359.0324

2.4293

421.1939,
435.1109, 425.0992

■ 1.7335, 1.6240,
0.8024

■ 0.4771, 0.3737,
0.0000

■ 82.2342, 83.8283,
75.4646

■ 82.2342, 83.8283,
75.4646

■ 75.3662, 74.9023,
58.3464

■ 89.9437, 93.6207,
95.3806

■ 69.3023, 66.8070,
43.8936

95.0500, 100.0000,
108.9000

■ 64.0109, 59.5195,
31.9707

■ 59.4558, 53.0121,
22.4284

■ 55.5974, 47.2548,
15.1012

■ 52.3916, 42.2155,
9.8022

■ 49.7880, 37.8585,
6.3128

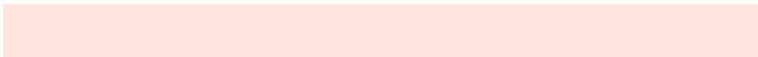
■ 47.7255, 34.1433,
4.3621

■ 47.0324, 32.8449,
3.8608

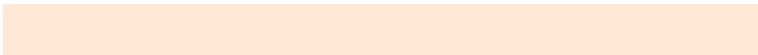
Harmonies

Analogous

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



84.9160, 83.8283, 80.7620



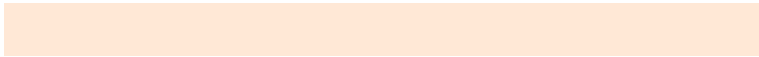
82.2342, 83.8283, 75.4646



78.9336, 83.8283, 74.2637

Triad

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



82.2342, 83.8283, 75.4646



73.4911, 83.8283, 93.4252



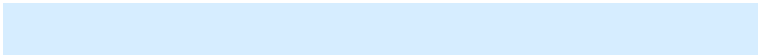
83.5592, 83.8283, 106.7656

Complementary

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



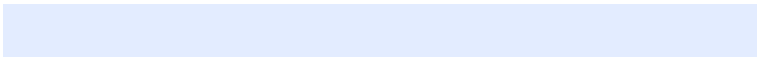
82.2342, 83.8283, 75.4646



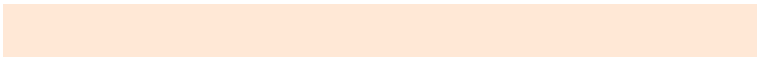
76.0649, 82.0821, 106.4421

Split Complementary

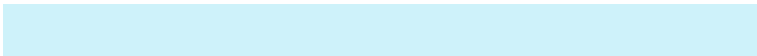
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4236, 83.8283, 110.7033



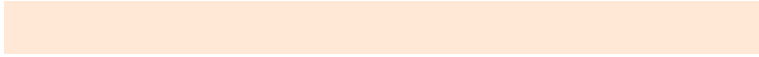
82.2342, 83.8283, 75.4646



74.6567, 83.8283, 102.6624

Square

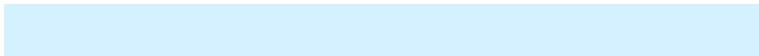
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2342, 83.8283, 75.4646



73.9455, 83.8283, 84.2163



77.1720, 83.8283, 109.1519



85.6957, 83.8283, 98.7170

Rectangle

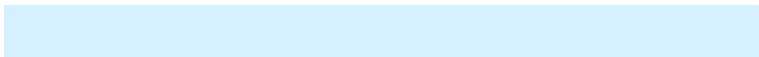
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2342, 83.8283, 75.4646



76.8379, 83.8283, 75.8674



77.1720, 83.8283, 109.1519



82.5837, 83.8283, 108.6385

Sweetspot

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



82.2362, 83.8319, 75.4664



90.8257, 94.7280, 97.6987



80.6073, 75.4821, 90.6212



19.3171, 20.1209, 20.5872



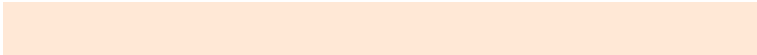
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.2362, 83.8319, 75.4664



80.1434, 81.1347, 70.1800



88.2721, 95.9036, 77.4783



18.6657, 19.2997, 18.8858



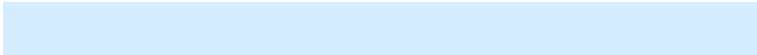
24.7182, 17.4476, 2.0649



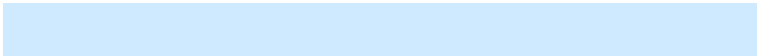
2.5133, 1.9119, 0.2366

Inverse Universe

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



76.0649, 82.0821, 106.4421



73.0006, 79.1087, 106.0297



70.5267, 71.0056, 104.5960



17.8482, 19.0680, 22.9897



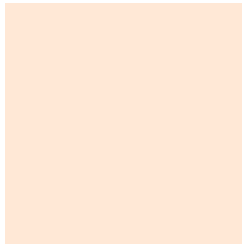
14.7165, 14.3427, 51.4273



1.5418, 1.6142, 5.0436

Previews

White Background



This preview shows how the XYZ color 82.2342, 83.8283, 75.4646 looks on a white background.

Color Contrast Check

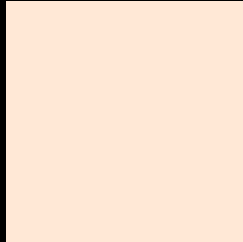
Large Text (above 18pt) WCAG AA × Fail

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 82.2342, 83.8283, 75.4646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

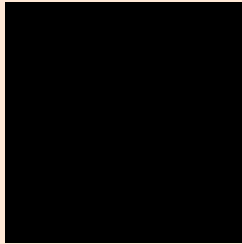
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2342, 83.8283, 75.4646

Background



This preview shows how black text looks on a background with the XYZ color 82.2342, 83.8283, 75.4646.



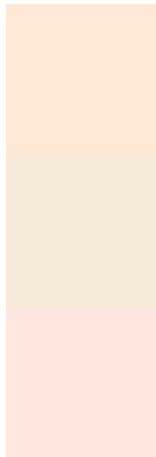
This preview shows how white text looks on a background with the XYZ color 82.2342, 83.8283,

75.4646.

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

82.2342, 83.8283, 75.4646

Protanopia

79.7592, 83.7870, 76.9345

Deuteranopia

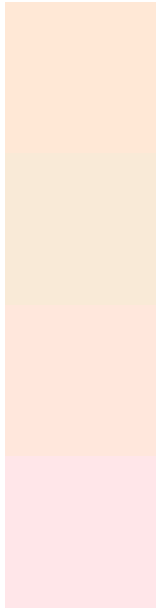
83.2705, 83.7936, 82.3060



Tritanopia

85.5884, 83.8303, 97.2578

Trichromacy



Original Color

82.2342, 83.8283, 75.4646

Protanomaly

80.7555, 83.8917, 76.2264

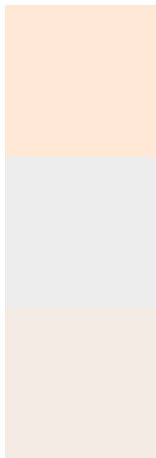
Deuteranomaly

82.7342, 83.5791, 79.4820

Tritanomaly

84.2448, 83.7368, 88.8134

Monochromacy



Original Color

82.2342, 83.8283, 75.4646

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 82.2342, 83.8283, 75.4646 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, 214) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 214) }
```

Border

The CSS property to change the border of an element to XYZ 82.2342, 83.8283, 75.4646 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, 214) }
```


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

```
.border{ border-color:rgb(255, 232, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2342, 83.8283, 75.4646 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
232, 214) }
```

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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