

Converting Colors

XYZ(85.1625, 84.4231, 80.0144)

Have a look what the booklet for
XYZ(85.1625, 84.4231, 80.0144)
contains.

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Color

**XYZ(82.5880, 83.0741,
80.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6DD
RGB	255, 230, 221
RGB Percent	100%, 90%, 87%
CMY	0.0000, 0.0980, 0.1333
CMYK	0.00, 0.10, 0.13, 0.00
HSL	16°, 100%, 93%
HSV	16°, 13%, 100%
XYZ	82.5880, 83.0741, 80.0887
YIQ	236.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

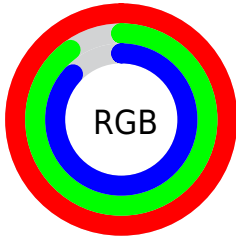
Format	Color
R _Y B	255, 233, 221
Decimal	16770781
CIE Lab	93.05, 7.09, 7.47
CIE LCh	93, 10.304, 46.502
Yxy	83.0741, 0.3361, 0.3380
Android (android.graphics.Color)	4294960861 (0xFFFFE6DD)
YUV	236.4490, -7.6164, 16.2692
Hunter-Lab	91.1450, 2.2381, 11.7036

Details

The XYZ color **82.5880, 83.0741, 80.0887** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8237, 88.5013, 107.4303**, and the grayscale version is **80.1216, 84.2942, 91.7964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5016, 45.4189, 42.4449** is the 20% darker color. If you saturate the color by 10%, you get **74.5060, 71.9406, 61.8867**, and if you desaturate by 10%, it is **91.7509, 95.5431, 101.1990**.

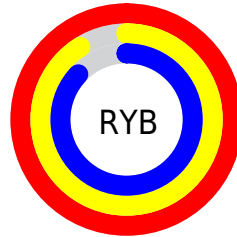
Distribution



Red (100%)

Green (90%)

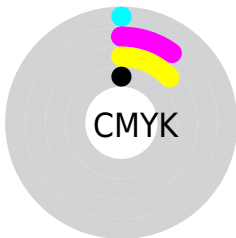
Blue (87%)



Red (100%)

Yellow (91%)

Blue (87%)

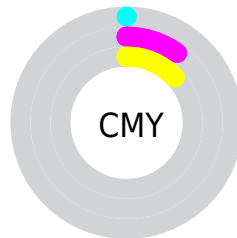


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5880, 83.0741, 80.0887 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 82.5880, 83.0741, 80.0887 by changing the saturation by 10% instead.


 82.5880, 83.0741,
80.0887

 82.5880, 83.0741,
80.0887


492.2171,
505.2334, 514.9464

 62.1661, 62.2513,
59.2647


135.9298,
137.6792, 135.3030

 45.4230, 45.2358,
42.4049


169.5804,
172.2303, 170.5303

 31.9935, 31.6432,
29.0905


208.3713,
212.1263, 211.3960

 21.5120, 21.0891,
18.9031

252.6678,
257.7516, 258.3183

 13.6134, 13.1891,
11.4242

302.8352,
309.4906, 311.7160

 7.9322, 7.5589,
6.2352

359.2391,

 4.1030, 3.8140,

367.7276, 372.0076

2.9175

422.2446,
432.8471, 439.6115

■ 1.7606, 1.5701,
1.0527

■ 0.4937, 0.3373,
0.0000

■ 82.5880, 83.0741,
80.0887

■ 82.5880, 83.0741,
80.0887

■ 74.5060, 71.9406,
61.8867

■ 91.7509, 95.5431,
101.1990

■ 67.4584, 62.0875,
46.4597

95.0500, 100.0000,
108.9000

■ 61.4036, 53.4712,
33.6717

■ 56.2947, 46.0415,
23.3732

■ 52.0809, 39.7449,
15.3994

■ 48.7064, 34.5233,
9.5657

■ 46.1081, 30.3131,
5.6587

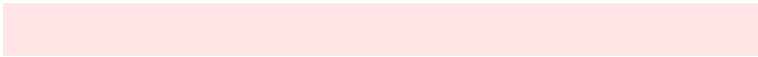
■ 44.2124, 27.0430,
3.4199

■ 43.2792, 25.3384,
2.6097

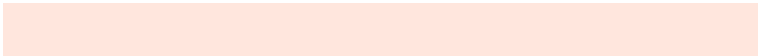
Harmonies

Analogous

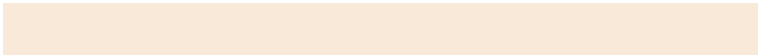
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0437, 83.0741, 86.2946



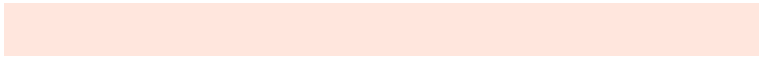
82.5880, 83.0741, 80.0887



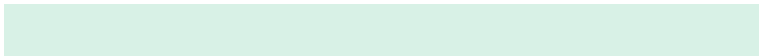
80.1777, 83.0741, 76.7494

Triad

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



82.5880, 83.0741, 80.0887



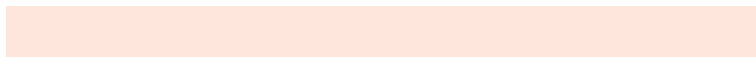
74.0169, 83.0741, 87.0266



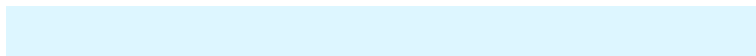
80.4437, 83.0741, 105.4752

Complementary

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



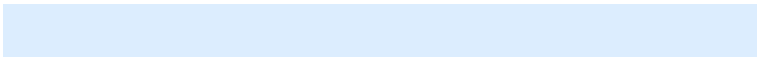
82.5880, 83.0741, 80.0887



80.8237, 88.5013, 107.4303

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.



77.7536, 83.0741, 105.6990



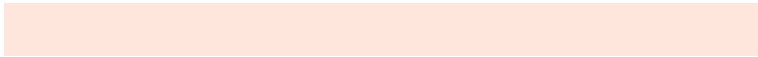
82.5880, 83.0741, 80.0887



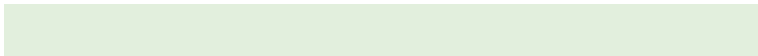
74.0844, 83.0741, 94.7441

Square

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



82.5880, 83.0741, 80.0887



75.2521, 83.0741, 80.5982



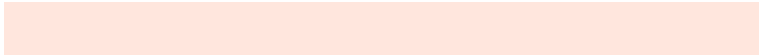
75.4387, 83.0741, 101.6762



82.7865, 83.0741, 101.0813

Rectangle

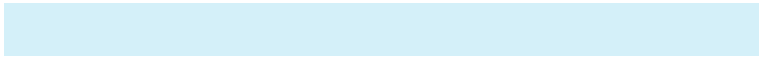
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5880, 83.0741, 80.0887



78.3728, 83.0741, 76.4674



75.4387, 83.0741, 101.6762



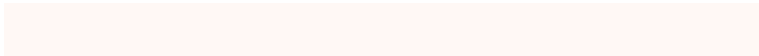
79.5490, 83.0741, 106.0490

Sweetspot

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



82.5899, 83.0776, 80.0904



91.1052, 94.6690, 99.6974



83.8084, 79.6584, 98.5505



19.3458, 20.0537, 20.9805



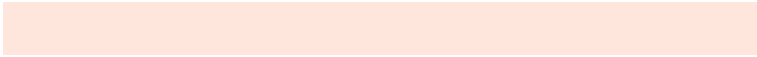
0.0000, 0.0000, 0.0000



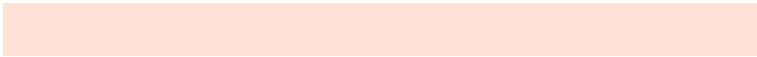
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5899, 83.0776, 80.0904



80.3300, 79.9788, 74.9559



87.3996, 92.6969, 81.6937



18.4006, 18.7693, 18.7974



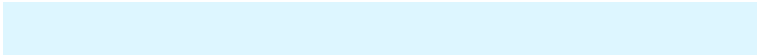
22.7175, 13.4462, 1.3980



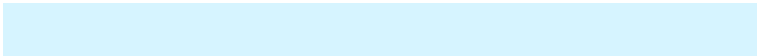
2.2968, 1.4789, 0.1644

Inverse Universe

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



80.8237, 88.5013, 107.4303



78.2491, 86.3645, 107.1536



76.0275, 78.9089, 105.8316



18.1239, 19.6195, 23.0817



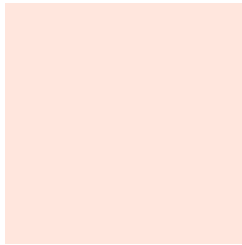
18.8972, 22.7039, 52.8209



1.9295, 2.3896, 5.1728

Previews

White Background



This preview shows how the XYZ color 82.5880, 83.0741, 80.0887 looks on a white background.

Color Contrast Check

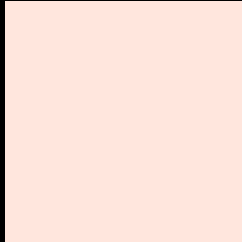
Large Text (above 18pt) WCAG AA × Fail

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 82.5880, 83.0741, 80.0887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

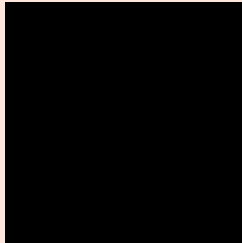
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

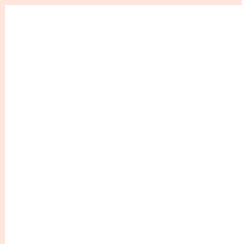
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5880, 83.0741, 80.0887

Background



This preview shows how black text looks on a background with the XYZ color 82.5880, 83.0741, 80.0887.

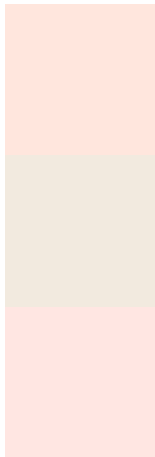


This preview shows how white text looks on a background with the XYZ color 82.5880, 83.0741,

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

82.5880, 83.0741, 80.0887

Protanopia

79.3601, 83.0506, 81.6597

Deuteranopia

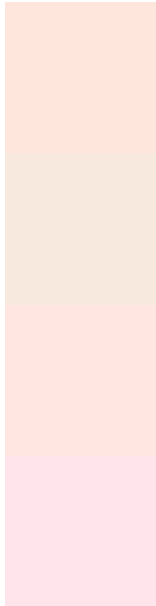
83.2643, 83.3446, 83.6501



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

82.5880, 83.0741, 80.0887

Protanomaly

80.6815, 83.3259, 80.9384

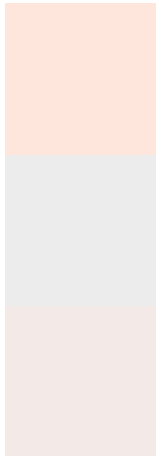
Deuteranomaly

82.9914, 83.2354, 82.2129

Tritanomaly

84.2547, 83.2968, 90.2344

Monochromacy



Original Color

82.5880, 83.0741, 80.0887

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.8088, 83.6698, 87.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5880, 83.0741, 80.0887 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, 230, 221) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 221)  
}
```

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, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 221) }
```

Border

The CSS property to change the border of an element to XYZ 82.5880, 83.0741, 80.0887 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, 230, 221) }
```


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

```
.border{ border-color:rgb(255, 230, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5880, 83.0741, 80.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 221) }
```

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

```
.background{ background-color: rgb(255,  
230, 221) }
```

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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