

Converting Colors

XYZ(81.6307, 82.6189, 85.1415)

Have a look what the booklet for XYZ(81.6307, 82.6189, 85.1415) contains.

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Color

**XYZ(81.3673, 82.3348,
85.0025)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E6E4
RGB	249, 230, 228
RGB Percent	98%, 90%, 89%
CMY	0.0235, 0.0980, 0.1059
CMYK	0.00, 0.08, 0.08, 0.02
HSL	6°, 64%, 94%
HSV	6°, 8%, 98%
XYZ	81.3673, 82.3348, 85.0025
YIQ	235.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

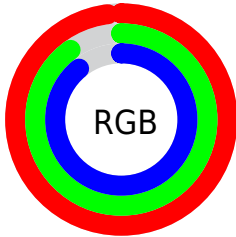
Format	Color
R _Y B	249, 230, 228
Decimal	16377572
CIE Lab	92.72, 6.13, 3.30
CIE LCh	93, 6.959, 28.271
Yxy	82.3348, 0.3272, 0.3311
Android (android.graphics.Color)	4294567652 (0xFFFF9E6E4)
YUV	235.4530, -3.6743, 11.8807
Hunter-Lab	90.7385, 1.2726, 7.9750

Details

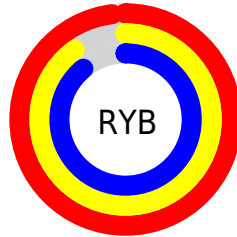
The XYZ color **81.3673, 82.3348, 85.0025** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3543, 89.8534, 102.6263**, and the grayscale version is **79.3335, 83.4651, 90.8934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6110, 44.8835, 45.8473** is the 20% darker color. If you saturate the color by 10%, you get **72.2888, 69.3164, 66.1328**, and if you desaturate by 10%, it is **91.7582, 97.1793, 106.7678**.

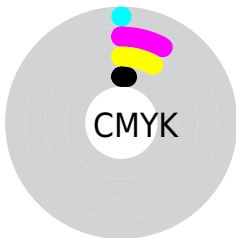
Distribution



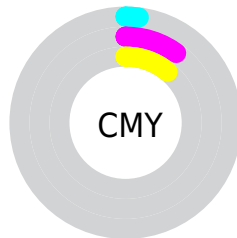
- Red (98%)
- Green (90%)
- Blue (89%)



- Red (98%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3673, 82.3348, 85.0025 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 81.3673, 82.3348, 85.0025 by changing the saturation by 10% instead.


 81.3673, 82.3348,
85.0025

 81.3673, 82.3348,
85.0025


488.1955,
502.7669, 531.7811

 61.1565, 61.6415,
63.2933


134.2268,
136.6434, 142.2509

 44.6045, 44.7431,
45.6360


167.6063,
171.0275, 178.6271

 31.3460, 31.2551,
31.6121


206.1060,
210.7441, 220.7294

 21.0155, 20.7932,
20.8030

250.0912,
256.1775, 268.9763

 13.2479, 12.9729,
12.7902

299.9275,
307.7120, 323.7864

 7.6776, 7.4099,
7.1552

355.9800,

 3.9394, 3.7197,

365.7322, 385.5783

3.4795

418.6143,
430.6223, 454.7703

■ 1.6679, 1.5181,
1.3444

■ 0.4361, 0.3014,
0.0977

■ 81.3673, 82.3348,
85.0025

■ 81.3673, 82.3348,
85.0025

■ 72.2888, 69.3164,
66.1328

■ 91.7582, 97.1793,
106.7678

■ 64.4638, 58.0432,
50.0314

■ 92.8773, 98.8799,
108.7983

■ 57.8392, 48.4442,
36.5699

■ 52.3553, 40.4395,
25.6070

■ 47.9474, 33.9426,
16.9887

■ 44.5442, 28.8588,
10.5438

■ 42.0657, 25.0825,
6.0776

■ 40.4195, 22.4933,
3.3608

■ 39.4874, 20.9459,
2.0738

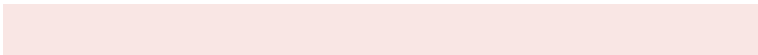
Harmonies

Analogous

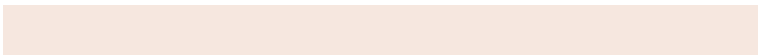
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7932, 82.3348, 89.9501



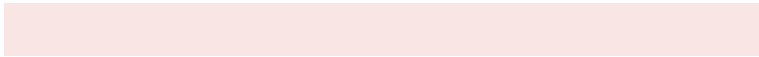
81.3673, 82.3348, 85.0025



80.1044, 82.3348, 81.4222

Triad

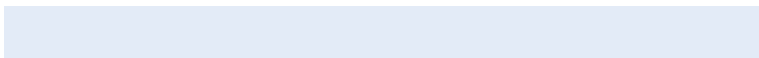
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3673, 82.3348, 85.0025



75.3290, 82.3348, 84.5000



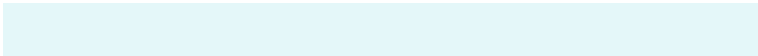
78.1516, 82.3348, 100.0027

Complementary

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



81.3673, 82.3348, 85.0025



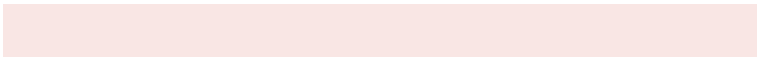
82.3543, 89.8534, 102.6263

Split Complementary

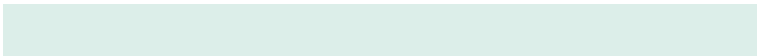
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4377, 82.3348, 98.4112



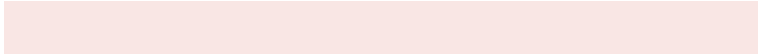
81.3673, 82.3348, 85.0025



74.8238, 82.3348, 89.3477

Square

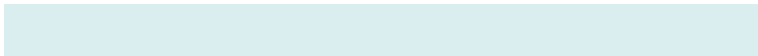
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3673, 82.3348, 85.0025



76.6172, 82.3348, 81.1401



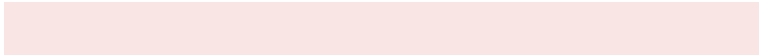
75.2265, 82.3348, 94.4610



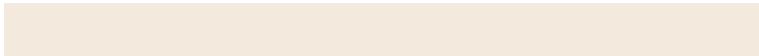
79.9195, 82.3348, 98.7321

Rectangle

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



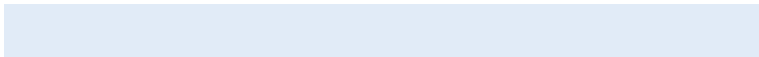
81.3673, 82.3348, 85.0025



78.9675, 82.3348, 80.2243



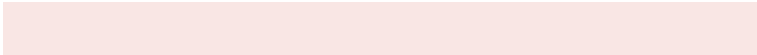
75.2265, 82.3348, 94.4610



77.5502, 82.3348, 99.7835

Sweetspot

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



81.3696, 82.3384, 85.0043



91.6746, 95.1811, 101.8192



83.6384, 82.3586, 99.6876



19.4337, 20.1034, 21.3987



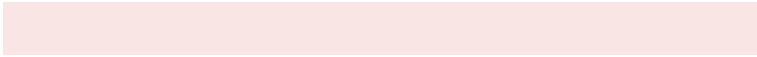
0.0000, 0.0000, 0.0000



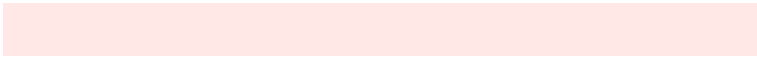
20.3446, 21.4041, 23.3091

Same Dimension

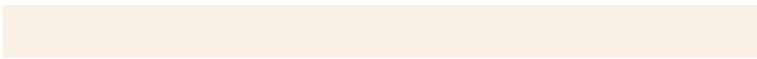
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3696, 82.3384, 85.0043



84.2908, 84.6211, 86.3862



84.3052, 88.2097, 85.9828



17.3778, 17.4915, 17.9227



21.1284, 11.2134, 1.0508



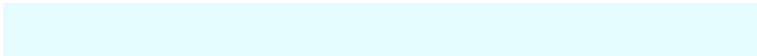
2.0002, 1.1253, 0.1118

Inverse Universe

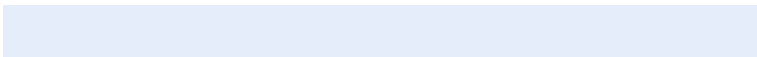
The Inverse Universe completely reimagines the original color for something new.



82.3543, 89.8534, 102.6263



85.5113, 93.9373, 108.2325



79.3067, 83.7584, 101.6105



17.6159, 19.3086, 22.1838



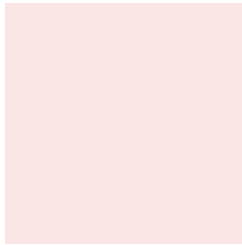
23.6571, 32.6697, 53.0326



2.2310, 3.1057, 4.9250

Previews

White Background



This preview shows how the XYZ color 81.3673, 82.3348, 85.0025 looks on a white background.

Color Contrast Check

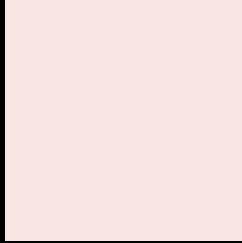
Large Text (above 18pt) WCAG AA × Fail

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 81.3673, 82.3348, 85.0025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

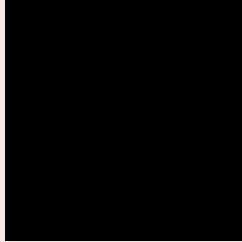
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3673, 82.3348, 85.0025

Background



This preview shows how black text looks on a background with the XYZ color 81.3673, 82.3348, 85.0025.

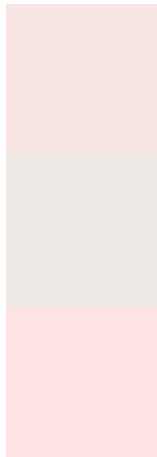


This preview shows how white text looks on a background with the XYZ color 81.3673, 82.3348,

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

81.3673, 82.3348, 85.0025

Protanopia

79.0184, 82.3417, 86.5917

Deuteranopia

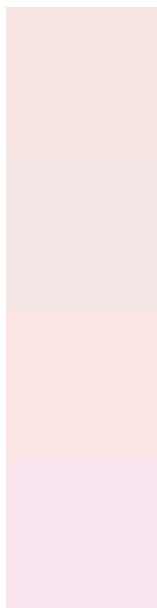
83.2663, 82.4600, 86.3907



Tritanopia

83.7342, 82.0400, 97.8082

Trichromacy



Original Color

81.3673, 82.3348, 85.0025

Protanomaly

79.9616, 82.4251, 85.8239

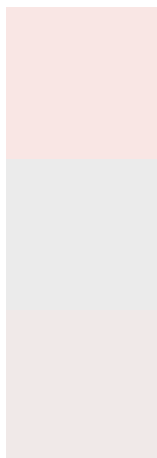
Deuteranomaly

82.6702, 82.5784, 85.7108

Tritanomaly

82.7477, 82.0428, 93.1359

Monochromacy



Original Color

81.3673, 82.3348, 85.0025

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.6396, 82.6293, 88.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3673, 82.3348, 85.0025 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(249, 230, 228) looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 228)  
}
```

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(249, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 81.3673, 82.3348, 85.0025 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(249, 230, 228) }
```


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

```
.border{ border-color:rgb(249, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(249, 230,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3673, 82.3348, 85.0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 230, 228) }
```

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

```
.background{ background-color: rgb(249,  
230, 228) }
```

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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