

Converting Colors

XYZ(82.8720, 84.8406, 76.4886)

Have a look what the booklet for
XYZ(82.8720, 84.8406, 76.4886)
contains.

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Color

**XYZ(82.9286, 85.0119,
76.3281)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAD7
RGB	255, 234, 215
RGB Percent	100%, 92%, 84%
CMY	0.0000, 0.0823, 0.1569
CMYK	0.00, 0.08, 0.16, 0.00
HSL	29°, 100%, 92%
HSV	29°, 16%, 100%
XYZ	82.9286, 85.0119, 76.3281
YIQ	238.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

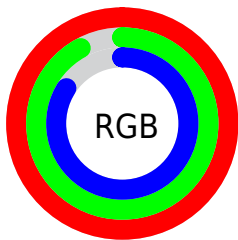
Format	Color
R _Y B	255, 251, 215
Decimal	16771799
CIE Lab	93.89, 4.12, 11.80
CIE LCh	94, 12.495, 70.744
Yxy	85.0119, 0.3395, 0.3480
Android (android.graphics.Color)	4294961879 (0xFFFEAD7)
YUV	238.1130, -11.3947, 14.8099
Hunter-Lab	92.2019, -0.8061, 15.4589

Details

The XYZ color **82.9286, 85.0119, 76.3281** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0691, 81.6558, 106.3596**, and the grayscale version is **81.4326, 85.6734, 93.2984**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5543, 46.3846, 39.8099** is the 20% darker color. If you saturate the color by 10%, you get **76.2366, 76.4694, 59.1721**, and if you desaturate by 10%, it is **90.4231, 94.3416, 96.2734**.

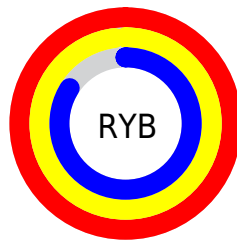
Distribution



Red (100%)

Green (92%)

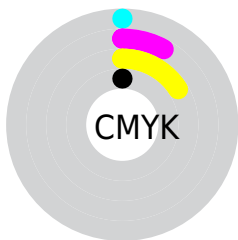
Blue (84%)



Red (100%)

Yellow (98%)

Blue (84%)

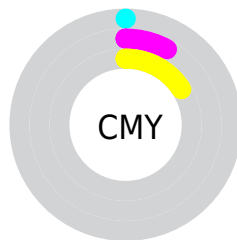


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9286, 85.0119, 76.3281 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 82.9286, 85.0119, 76.3281 by changing the saturation by 10% instead.


 82.9286, 85.0119,
76.3281

 82.9286, 85.0119,
76.3281


493.3361,
511.6674, 501.8468

 62.4480, 63.8512,
56.1933


136.4045,
140.3898, 129.9549

 45.6517, 46.5302,
39.9529


170.1305,
175.3758, 164.2840

 32.1745, 32.6644,
27.1883


209.0023,
215.7390, 204.1817

 21.6510, 21.8695,
17.4810

253.3852,
261.8639, 250.0664

 13.7159, 13.7610,
10.4125

303.6448,
314.1348, 302.3568

 8.0037, 7.9546,
5.5641

360.1462,

 4.1491, 4.0659,

372.9361, 361.4712

2.5174

423.2548,
438.6521, 427.8284

■ 1.7869, 1.7105,
0.8494

■ 0.5097, 0.4305,
0.0000

■ 82.9286, 85.0119,
76.3281

■ 82.9286, 85.0119,
76.3281

■ 76.2366, 76.4694,
59.1721

■ 90.4231, 94.3416,
96.2734

■ 70.3114, 68.6813,
44.6738

95.0500, 100.0000,
108.9000

■ 65.1231, 61.6279,
32.6987

■ 60.6369, 55.2846,
23.0984

■ 56.8152, 49.6250,
15.7088

■ 53.6158, 44.6204,
10.3444

■ 50.9906, 40.2393,
6.7890

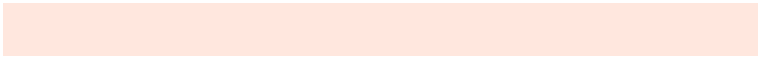
■ 48.8811, 36.4455,
4.7750

■ 48.0966, 34.9732,
4.2155

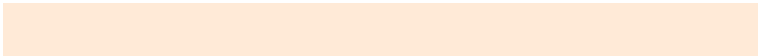
Harmonies

Analogous

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



85.7436, 85.0119, 81.1174



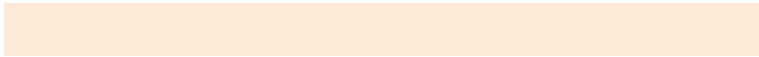
82.9286, 85.0119, 76.3281



79.6150, 85.0119, 75.7111

Triad

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



82.9286, 85.0119, 76.3281



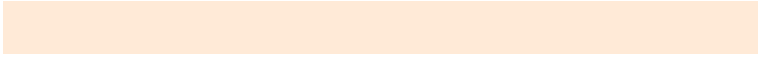
74.6800, 85.0119, 96.0198



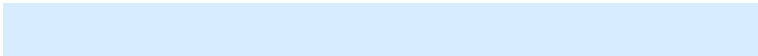
85.0473, 85.0119, 107.1438

Complementary

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



82.9286, 85.0119, 76.3281



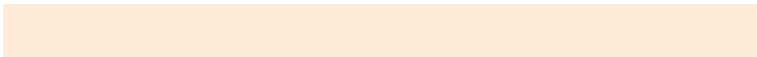
76.0691, 81.6558, 106.3596

Split Complementary

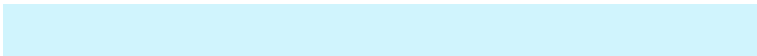
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9992, 85.0119, 111.7477



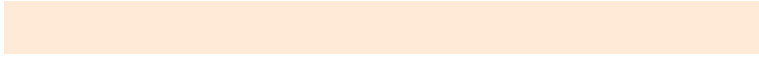
82.9286, 85.0119, 76.3281



76.0526, 85.0119, 105.0387

Square

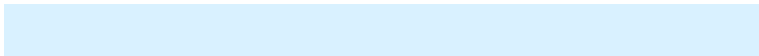
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9286, 85.0119, 76.3281



74.9134, 85.0119, 86.6541



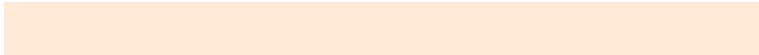
78.7106, 85.0119, 110.9519



86.9899, 85.0119, 98.7357

Rectangle

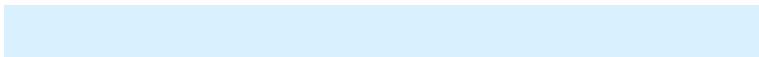
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9286, 85.0119, 76.3281



77.5761, 85.0119, 77.6986



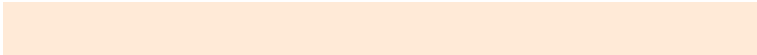
78.7106, 85.0119, 110.9519



84.1146, 85.0119, 109.2129

Sweetspot

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



82.9305, 85.0155, 76.3299



90.9667, 95.0101, 97.7457



80.7298, 75.9373, 90.0141



19.3514, 20.1894, 20.5986



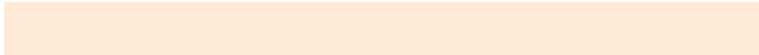
0.0000, 0.0000, 0.0000



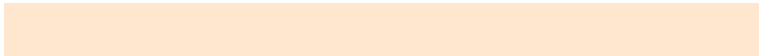
20.3446, 21.4041, 23.3091

Same Dimension

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



82.9305, 85.0155, 76.3299



80.6248, 82.0976, 70.3405



88.8421, 96.8387, 78.3004



18.7212, 19.4107, 18.9043



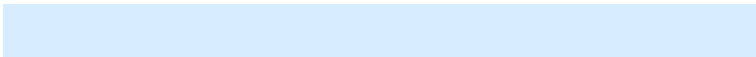
25.2786, 18.5685, 2.2517



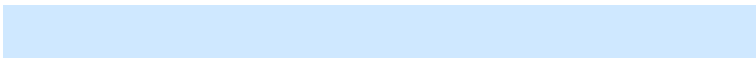
2.5698, 2.0249, 0.2554

Inverse Universe

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



76.0691, 81.6558, 106.3596



72.5076, 78.1226, 105.8654



70.7166, 70.9509, 104.5755



17.7921, 18.9557, 22.9710



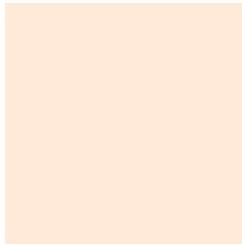
14.0254, 12.9603, 51.1970



1.4750, 1.4808, 5.0213

Previews

White Background



This preview shows how the XYZ color 82.9286, 85.0119, 76.3281 looks on a white background.

Color Contrast Check

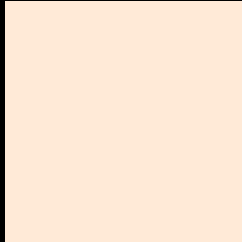
Large Text (above 18pt) WCAG AA × Fail

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 82.9286, 85.0119, 76.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

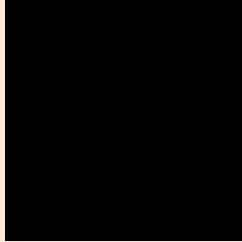
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9286, 85.0119, 76.3281

Background



This preview shows how black text looks on a background with the XYZ color 82.9286, 85.0119, 76.3281.



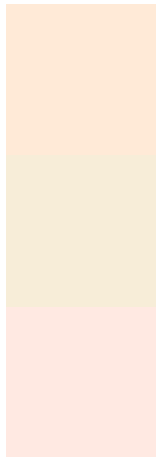
This preview shows how white text looks on a background with the XYZ color 82.9286, 85.0119,

76.3281.

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

82.9286, 85.0119, 76.3281

Protanopia

81.0366, 85.3004, 77.1593

Deuteranopia

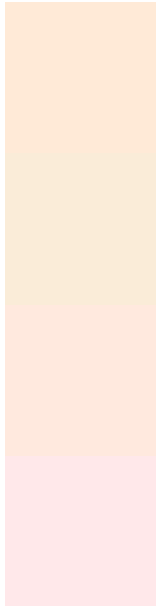
84.1064, 85.0288, 83.9308



Tritanopia

86.2973, 85.0044, 98.2453

Trichromacy



Original Color

82.9286, 85.0119, 76.3281

Protanomaly

81.8145, 85.2728, 77.1130

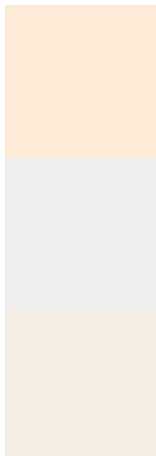
Deuteranomaly

83.5637, 84.8118, 81.0733

Tritanomaly

84.9479, 84.9137, 89.7547

Monochromacy



Original Color

82.9286, 85.0119, 76.3281

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8753, 85.5146, 87.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9286, 85.0119, 76.3281 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, 234, 215) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 215)  
}
```

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, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 215) }
```

Border

The CSS property to change the border of an element to XYZ 82.9286, 85.0119, 76.3281 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, 234, 215) }
```


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

```
.border{ border-color:rgb(255, 234, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9286, 85.0119, 76.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 215) }
```

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

```
.background{ background-color: rgb(255,  
234, 215) }
```

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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