

Converting Colors

XYZ(82.7865, 84.8600, 80.8778)

Have a look what the booklet for
XYZ(82.7865, 84.8600, 80.8778)
contains.

XYZ(82.7525, 84.8150, 81.1166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.7525, 84.8150,
81.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEADE
RGB	252, 234, 222
RGB Percent	99%, 92%, 87%
CMY	0.0118, 0.0823, 0.1294
CMYK	0.00, 0.07, 0.12, 0.01
HSL	24°, 83%, 93%
HSV	24°, 12%, 99%
XYZ	82.7525, 84.8150, 81.1166
YIQ	238.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

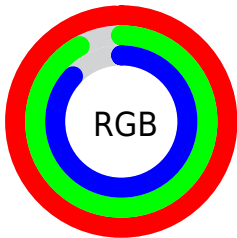
Format	Color
R _Y B	252, 242, 222
Decimal	16575198
CIE Lab	93.80, 4.15, 8.01
CIE LCh	94, 9.020, 62.619
Yxy	84.8150, 0.3328, 0.3411
Android (android.graphics.Color)	4294765278 (0xFFFCFADE)
YUV	238.0140, -7.8949, 12.2657
Hunter-Lab	92.0951, -0.7742, 12.2444

Details

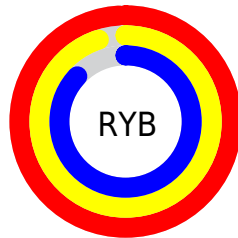
The XYZ color **82.7525, 84.8150, 81.1166** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.8546, 84.8763, 104.3230**, and the grayscale version is **81.3321, 85.5677, 93.1833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4011, 46.2329, 43.0902** is the 20% darker color. If you saturate the color by 10%, you get **75.5034, 75.3234, 63.2636**, and if you desaturate by 10%, it is **90.8784, 95.2504, 101.7544**.

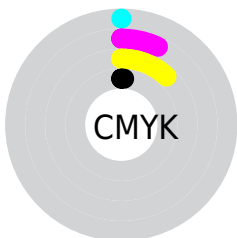
Distribution



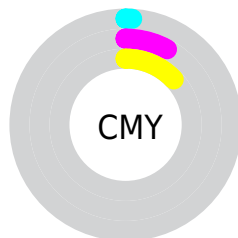
- Red (99%)
- Green (92%)
- Blue (87%)



- Red (99%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7525, 84.8150, 81.1166 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 82.7525, 84.8150, 81.1166 by changing the saturation by 10% instead.

82.7525, 84.8150,
81.1166

82.7525, 84.8150,
81.1166

492.7577,
511.0157, 518.4936

62.3022, 63.6885,
60.1061

136.1591,
140.1147, 136.7600

45.5335, 46.3985,
43.0783

169.8461,
175.0567, 172.2300

32.0809, 32.5604,
29.6147

208.6761,
215.3726, 213.3569

21.5791, 21.7899,
19.2967

253.0144,
261.4469, 260.5592

13.6629, 13.7026,
11.7059

303.2263,
313.6640, 314.2555

7.9667, 7.9141,
6.4237

359.6773,

4.1253, 4.0400,

372.4082, 374.8643

3.0314

422.7326,
438.0640, 442.8041

■ 1.7732, 1.6960,
1.1107

■ 0.5015, 0.4211,
0.0000

■ 82.7525, 84.8150,
81.1166

■ 82.7525, 84.8150,
81.1166

■ 75.5034, 75.3234,
63.2636

■ 90.8784, 95.2504,
101.7544

■ 69.0926, 66.7372,
48.0693

■ 93.9552, 99.4356,
108.8488

■ 63.4889, 59.0316,
35.4061

■ 58.6564, 52.1763,
25.1334

■ 54.5562, 46.1393,
17.0970

■ 51.1452, 40.8860,
11.1239

■ 48.3750, 36.3786,
7.0158

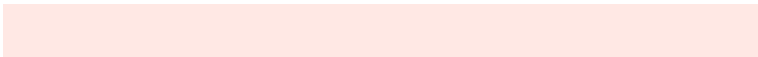
■ 46.1888, 32.5751,
4.5339

■ 44.7834, 29.9719,
3.4248

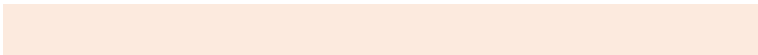
Harmonies

Analogous

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



84.5589, 84.8150, 85.4147



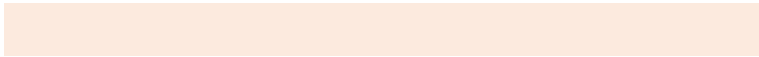
82.7525, 84.8150, 81.1166



80.4037, 84.8150, 79.7803

Triad

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



82.7525, 84.8150, 81.1166



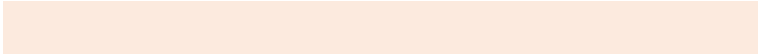
76.0969, 84.8150, 92.9537



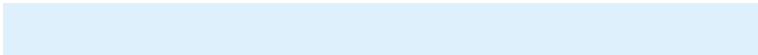
83.1243, 84.8150, 103.9195

Complementary

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



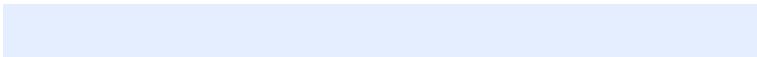
82.7525, 84.8150, 81.1166



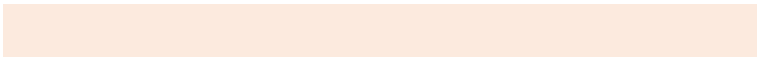
78.8546, 84.8763, 104.3230

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.



80.8249, 84.8150, 106.1732



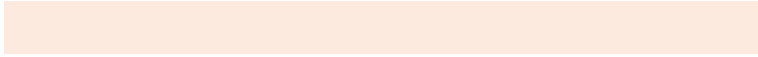
82.7525, 84.8150, 81.1166



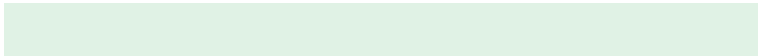
76.7939, 84.8150, 99.6491

Square

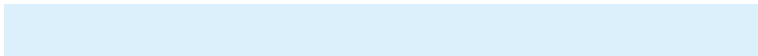
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



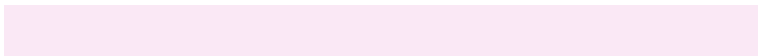
82.7525, 84.8150, 81.1166



76.5902, 84.8150, 86.4104



78.5129, 84.8150, 104.5735



84.7766, 84.8150, 98.5539

Rectangle

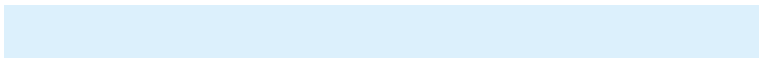
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.7525, 84.8150, 81.1166



78.8544, 84.8150, 80.6923



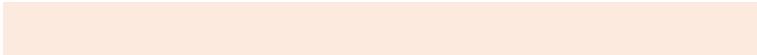
78.5129, 84.8150, 104.5735



82.3998, 84.8150, 105.0778

Sweetspot

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



82.7548, 84.8187, 81.1184



91.5300, 95.5186, 99.8390



81.9953, 79.2304, 93.4104



19.4530, 20.2683, 21.0163



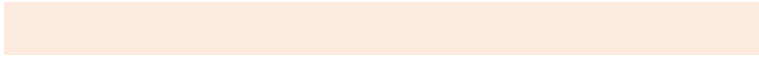
0.0000, 0.0000, 0.0000



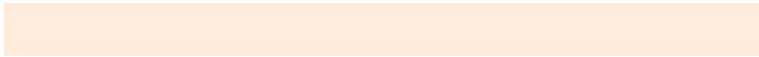
20.3446, 21.4041, 23.3091

Same Dimension

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



82.7548, 84.8187, 81.1184



83.3707, 85.0002, 79.2377



87.2063, 93.7217, 82.6022



17.8146, 18.3651, 18.0683



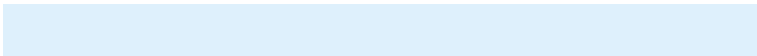
23.4627, 15.8820, 1.8289



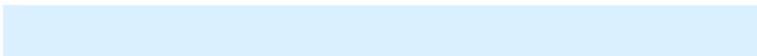
2.2736, 1.6721, 0.2029

Inverse Universe

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



78.8546, 84.8763, 104.3230



78.7246, 85.0683, 106.8783



74.6212, 76.4095, 102.9118



17.1491, 18.3750, 22.0282



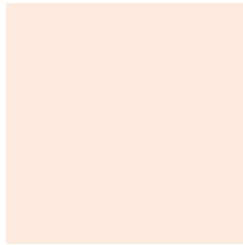
15.0792, 15.5139, 50.1733



1.5003, 1.6443, 4.6815

Previews

White Background



This preview shows how the XYZ color 82.7525, 84.8150, 81.1166 looks on a white background.

Color Contrast Check

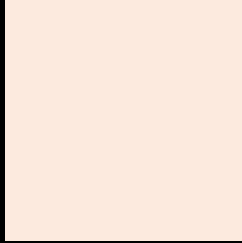
Large Text (above 18pt) WCAG AA × Fail

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 82.7525, 84.8150, 81.1166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

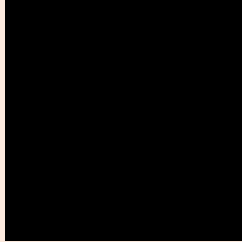
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7525, 84.8150, 81.1166

Background



This preview shows how black text looks on a background with the XYZ color 82.7525, 84.8150, 81.1166.



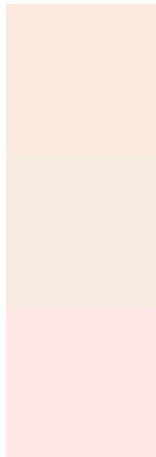
This preview shows how white text looks on a background with the XYZ color 82.7525, 84.8150,

81.1166.

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

82.7525, 84.8150, 81.1166

Protanopia

80.9709, 84.7311, 81.8991

Deuteranopia

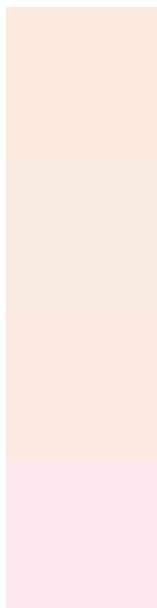
84.2395, 84.6304, 86.0241



Tritanopia

86.4801, 84.6309, 100.5843

Trichromacy



Original Color

82.7525, 84.8150, 81.1166

Protanomaly

81.7390, 84.7008, 81.8528

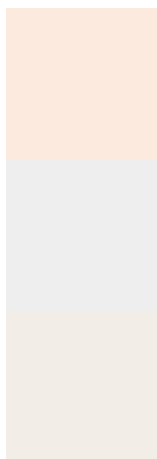
Deuteranomaly

83.7394, 84.8396, 83.9137

Tritanomaly

85.0290, 84.4547, 93.4812

Monochromacy



Original Color

82.7525, 84.8150, 81.1166

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8118, 85.4493, 88.5253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7525, 84.8150, 81.1166 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(252, 234, 222)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 222)  
}
```

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(252, 234, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 222) }
```

Border

The CSS property to change the border of an element to XYZ 82.7525, 84.8150, 81.1166 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(252, 234, 222) }
```


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

```
.border{ border-color:rgb(252, 234, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 222);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7525, 84.8150, 81.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 222) }
```

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

```
.background{ background-color: rgb(252,  
234, 222) }
```

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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