

Converting Colors

XYZ(83.0598, 83.4562, 82.5634)

Have a look what the booklet for
XYZ(83.0598, 83.4562, 82.5634)
contains.

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Color

**XYZ(82.9914, 83.2354,
82.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E0
RGB	255, 230, 224
RGB Percent	100%, 90%, 88%
CMY	0.0000, 0.0980, 0.1216
CMYK	0.00, 0.10, 0.12, 0.00
HSL	12°, 100%, 94%
HSV	12°, 12%, 100%
XYZ	82.9914, 83.2354, 82.2129
YIQ	236.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

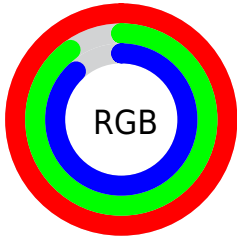
Format	Color
R_{YB}	255, 231, 224
Decimal	16770784
CIE Lab	93.12, 7.56, 6.01
CIE LCh	93, 9.663, 38.487
Yxy	83.2354, 0.3341, 0.3350
Android (android.graphics.Color)	4294960864 (0xFFFE6E0)
YUV	236.7910, -6.3060, 15.9693
Hunter-Lab	91.2334, 2.7158, 10.4356

Details

The XYZ color **82.9914, 83.2354, 82.2129** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6653, 90.8162, 107.7801**, and the grayscale version is **80.3751, 84.5608, 92.0867**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7801, 45.5303, 43.9115** is the 20% darker color. If you saturate the color by 10%, you get **74.4009, 71.1801, 63.5477**, and if you desaturate by 10%, it is **92.7792, 96.8548, 103.8381**.

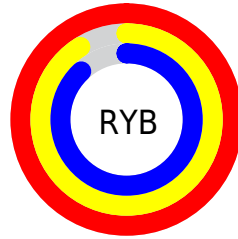
Distribution



Red (100%)

Green (90%)

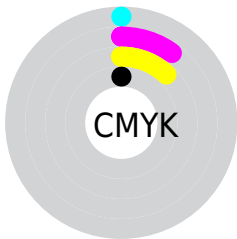
Blue (88%)



Red (100%)

Yellow (91%)

Blue (88%)

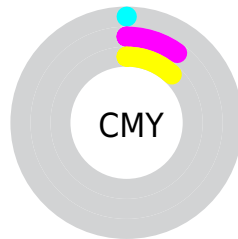


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9914, 83.2354, 82.2129 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 82.9914, 83.2354, 82.2129 by changing the saturation by 10% instead.


 82.9914, 83.2354,
82.2129

 82.9914, 83.2354,
82.2129


493.5422,
505.7707, 522.2617

 62.4999, 62.3844,
61.0042

136.4920,
137.9051, 138.3119

 45.6939, 45.3433,
43.7980


170.2319,
172.4926, 174.0392

 32.2080, 31.7280,
30.1757


209.1186,
212.4276, 215.4432

 21.6767, 21.1538,
19.7188

253.5175,
258.0947, 262.9424

 13.7348, 13.2365,
12.0088

303.7939,
309.8781, 316.9553

 8.0169, 7.5916,
6.6270

360.3133,

 4.1577, 3.8347,

368.1623, 377.9005

3.1551

423.4410,
433.3317, 446.1964

■ 1.7917, 1.5816,
1.1744

■ 0.5127, 0.3451,
0.0000

■ 82.9914, 83.2354,
82.2129

■ 82.9914, 83.2354,
82.2129

■ 74.4009, 71.1801,
63.5477

■ 92.7792, 96.8548,
103.8381

■ 66.9558, 60.6227,
47.7084

95.0500, 100.0000,
108.9000

■ 60.6084, 51.5074,
34.5581

■ 55.3058, 43.7708,
23.9466

■ 50.9901, 37.3449,
15.7086

■ 47.5978, 32.1558,
9.6595

■ 45.0576, 28.1219,
5.5868

■ 43.2866, 25.1511,
3.2351

■ 42.3548, 23.4897,
2.3016

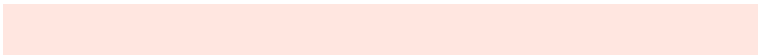
Harmonies

Analogous

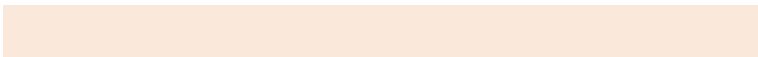
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0343, 83.2354, 88.5837



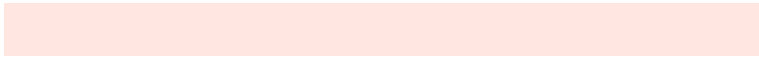
82.9914, 83.2354, 82.2129



80.9145, 83.2354, 78.2477

Triad

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



82.9914, 83.2354, 82.2129



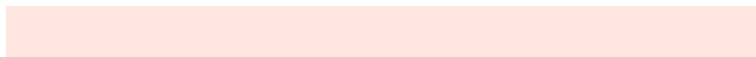
74.6623, 83.2354, 85.6038



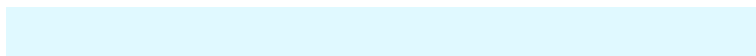
79.8346, 83.2354, 105.1553

Complementary

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



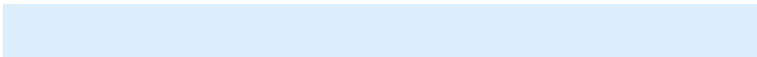
82.9914, 83.2354, 82.2129



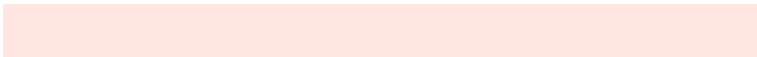
82.6653, 90.8162, 107.7801

Split Complementary

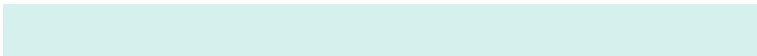
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3380, 83.2354, 104.2524



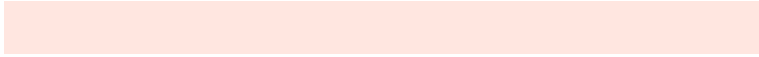
82.9914, 83.2354, 82.2129



74.3872, 83.2354, 92.7059

Square

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



82.9914, 83.2354, 82.2129



76.1167, 83.2354, 80.1314



75.3569, 83.2354, 99.6011



82.1864, 83.2354, 102.0060

Rectangle

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



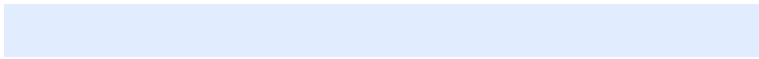
82.9914, 83.2354, 82.2129



79.2416, 83.2354, 77.3732



75.3569, 83.2354, 99.6011



78.9841, 83.2354, 105.3188

Sweetspot

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



82.9932, 83.2389, 82.2146



90.8831, 94.2248, 99.6234



85.0445, 81.4315, 101.1175



19.2897, 19.9417, 20.9618



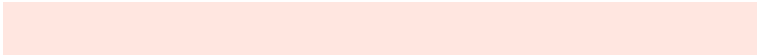
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.9932, 83.2389, 82.2146



80.4303, 79.6536, 76.6108



87.4028, 92.0580, 83.6845



18.2941, 18.5564, 18.7619



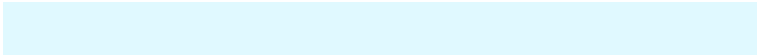
22.2118, 12.4347, 1.2295



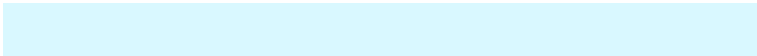
2.2339, 1.3531, 0.1434

Inverse Universe

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



82.6653, 90.8162, 107.7801



80.0328, 88.8170, 107.5330



78.1619, 81.8095, 106.2790



18.2383, 19.8482, 23.1198



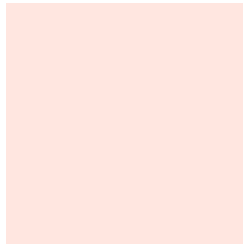
21.0210, 26.9516, 53.5288



2.1198, 2.7702, 5.2363

Previews

White Background



This preview shows how the XYZ color 82.9914, 83.2354, 82.2129 looks on a white background.

Color Contrast Check

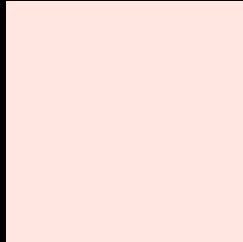
Large Text (above 18pt) WCAG AA × Fail

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 82.9914, 83.2354, 82.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

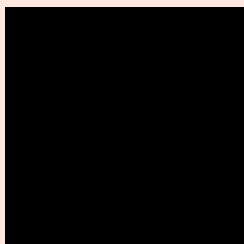
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

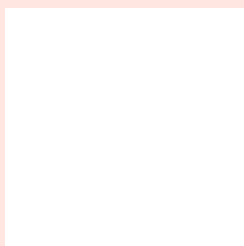
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9914, 83.2354, 82.2129

Background



This preview shows how black text looks on a background with the XYZ color 82.9914, 83.2354, 82.2129.



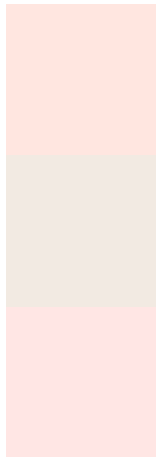
This preview shows how white text looks on a background with the XYZ color 82.9914, 83.2354,

82.2129.

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

82.9914, 83.2354, 82.2129

Protanopia

79.7682, 83.2139, 83.8092

Deuteranopia

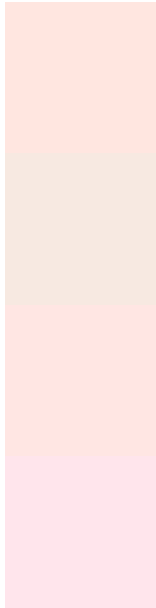
83.5404, 83.4551, 85.1042



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

82.9914, 83.2354, 82.2129

Protanomaly

81.0873, 83.4882, 83.0752

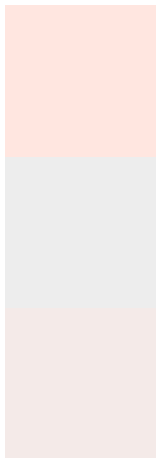
Deuteranomaly

83.4019, 83.3997, 84.3750

Tritanomaly

84.3996, 83.3548, 90.9976

Monochromacy



Original Color

82.9914, 83.2354, 82.2129

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2965, 83.9049, 88.2544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9914, 83.2354, 82.2129 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 224) }
```

Border

The CSS property to change the border of an element to XYZ 82.9914, 83.2354, 82.2129 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, 224) }
```


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

```
.border{ border-color:rgb(255, 230, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9914, 83.2354, 82.2129 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
230, 224) }
```

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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