

Converting Colors

XYZ(82.8884, 83.2658, 85.8591)

Have a look what the booklet for
XYZ(82.8884, 83.2658, 85.8591)
contains.

XYZ(82.9477, 83.1334, 85.8033)	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(82.9477, 83.1334,
85.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE6E5
RGB	253, 230, 229
RGB Percent	99%, 90%, 90%
CMY	0.0078, 0.0980, 0.1020
CMYK	0.00, 0.09, 0.09, 0.01
HSL	3°, 86%, 95%
HSV	3°, 9%, 99%
XYZ	82.9477, 83.1334, 85.8033
YIQ	236.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

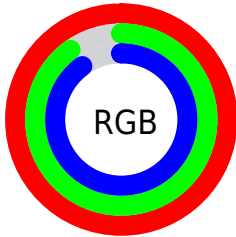
Format	Color
R _Y B	253, 230, 229
Decimal	16639717
CIE Lab	93.07, 7.67, 3.32
CIE LCh	93, 8.361, 23.421
Yxy	83.1334, 0.3293, 0.3300
Android (android.graphics.Color)	4294829797 (0xFFFDE6E5)
YUV	236.7630, -3.8272, 14.2398
Hunter-Lab	91.1775, 2.8277, 8.0290

Details

The XYZ color **82.9477, 83.1334, 85.8033** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8529, 93.3691, 106.4793**, and the grayscale version is **80.3369, 84.5207, 92.0430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7349, 45.4517, 46.4070** is the 20% darker color. If you saturate the color by 10%, you get **73.3864, 69.2575, 66.4394**, and if you desaturate by 10%, it is **93.9666, 99.0987, 108.1949**.

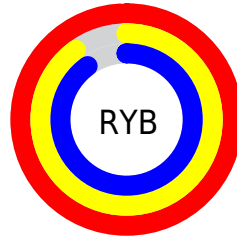
Distribution



Red (99%)

Green (90%)

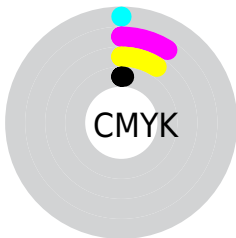
Blue (90%)



Red (99%)

Yellow (90%)

Blue (90%)

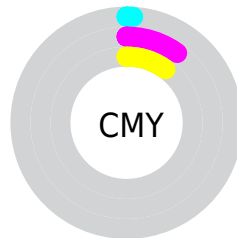


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (1%)



Cyan (1%)

Magenta (10%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9477, 83.1334, 85.8033 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 82.9477, 83.1334, 85.8033 by changing the saturation by 10% instead.


 82.9477, 83.1334,
85.8033

 82.9477, 83.1334,
85.8033


493.3988,
505.4310, 534.4962

 62.4638, 62.3002,
63.9514

136.4311,
137.7623, 143.3791

 45.6646, 45.2753,
46.1654


170.1613,
172.3268, 179.9400

 32.1847, 31.6743,
32.0267


209.0376,
212.2371, 222.2410

 21.6588, 21.1129,
21.1169

253.4255,
257.8778, 270.7006

 13.7216, 13.2065,
13.0174

303.6901,
309.6331, 325.7374

 8.0077, 7.5709,
7.3097

360.1970,

 4.1517, 3.8216,

367.8875, 387.7699

3.5751

423.3114,
433.0253, 457.2166

■ 1.7883, 1.5743,
1.3953

■ 0.5106, 0.3402,
0.1380

■ 82.9477, 83.1334,
85.8033

■ 82.9477, 83.1334,
85.8033

■ 73.3864, 69.2575,
66.4394

■ 93.9666, 99.0987,
108.1949

■ 65.2152, 57.3743,
49.9682

■ 94.3185, 99.6229,
108.8658

■ 58.3713, 47.3956,
36.2526

■ 52.7847, 39.2223,
25.1421

■ 48.3789, 32.7466,
16.4719

■ 45.0689, 27.8491,
10.0585

■ 42.7585, 24.3949,
5.6922

■ 41.3348, 22.2265,
3.1244

■ 40.6450, 21.1447,
1.9764

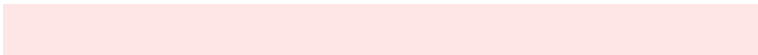
Harmonies

Analogous

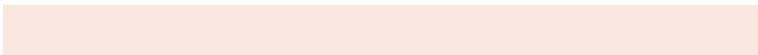
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2782, 83.1334, 91.9084



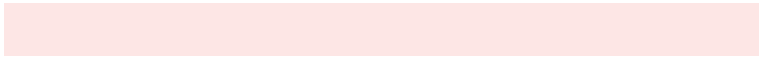
82.9477, 83.1334, 85.8033



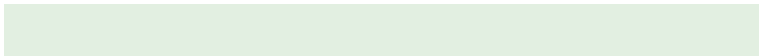
81.5548, 83.1334, 81.1646

Triad

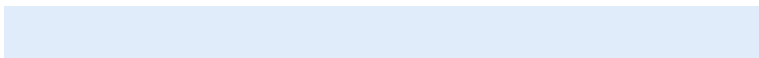
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9477, 83.1334, 85.8033



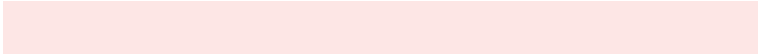
75.6785, 83.1334, 83.5121



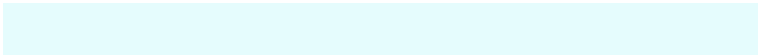
78.5338, 83.1334, 103.0499

Complementary

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



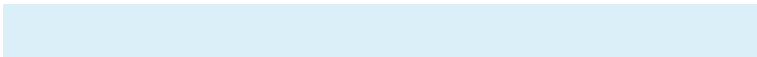
82.9477, 83.1334, 85.8033



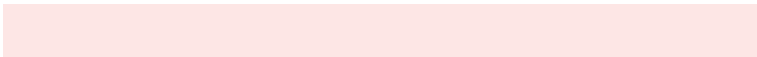
84.8529, 93.3691, 106.4793

Split Complementary

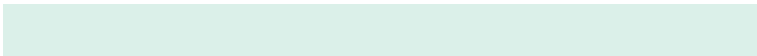
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5300, 83.1334, 100.5641



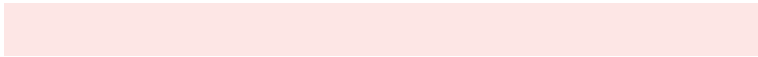
82.9477, 83.1334, 85.8033



74.9013, 83.1334, 89.1419

Square

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



82.9477, 83.1334, 85.8033



77.3519, 83.1334, 79.8851



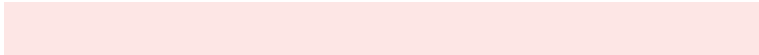
75.2102, 83.1334, 95.4026



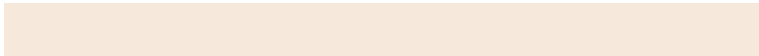
80.7034, 83.1334, 102.0552

Rectangle

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



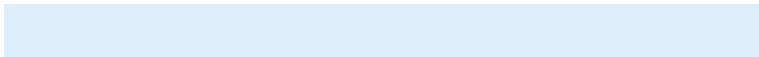
82.9477, 83.1334, 85.8033



80.2248, 83.1334, 79.4325



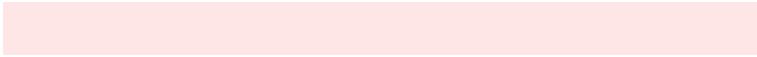
75.2102, 83.1334, 95.4026



77.8190, 83.1334, 102.5900

Sweetspot

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



82.9500, 83.1371, 85.8051



91.5486, 94.9292, 101.7772



86.1308, 83.9635, 103.9297



19.3998, 20.0358, 21.3874



0.0000, 0.0000, 0.0000



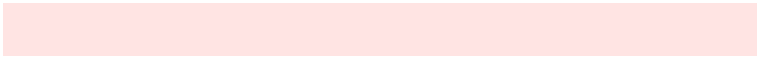
20.3446, 21.4041, 23.3091

Same Dimension

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



82.9500, 83.1371, 85.8051



82.8757, 82.3582, 84.1656



86.3446, 89.9262, 86.9366



18.0703, 18.1088, 18.6873



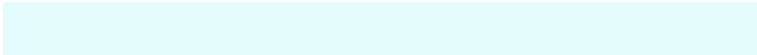
21.6357, 11.2825, 1.0374



2.1271, 1.1395, 0.1078

Inverse Universe

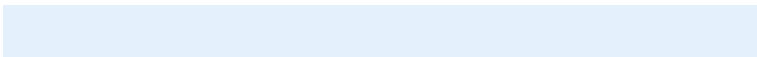
The Inverse Universe completely reimagines the original color for something new.



84.8529, 93.3691, 106.4793



85.0995, 94.3161, 108.3274



81.2629, 86.1891, 105.2827



18.4859, 20.3434, 23.2023



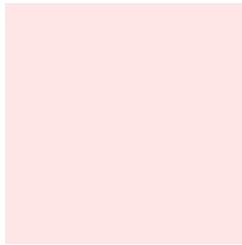
26.4159, 37.7414, 55.3271



2.5915, 3.7136, 5.3935

Previews

White Background



This preview shows how the XYZ color 82.9477, 83.1334, 85.8033 looks on a white background.

Color Contrast Check

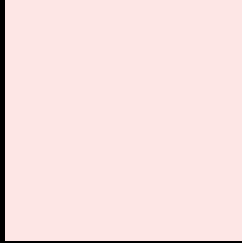
Large Text (above 18pt) WCAG AA × Fail

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 82.9477, 83.1334, 85.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

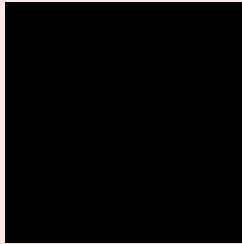
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

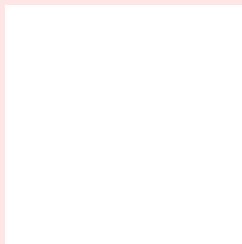
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9477, 83.1334, 85.8033

Background



This preview shows how black text looks on a background with the XYZ color 82.9477, 83.1334, 85.8033.



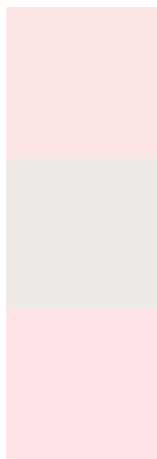
This preview shows how white text looks on a background with the XYZ color 82.9477, 83.1334,

85.8033.

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

82.9477, 83.1334, 85.8033

Protanopia

79.7818, 83.1404, 87.4441

Deuteranopia

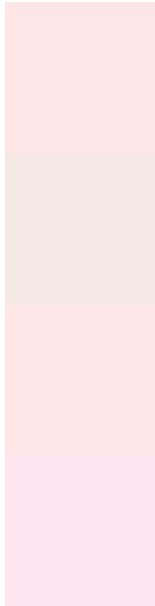
83.6831, 83.0681, 87.2245



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

82.9477, 83.1334, 85.8033

Protanomaly

81.0780, 83.4035, 86.6881

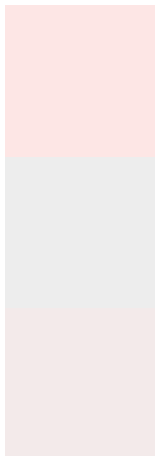
Deuteranomaly

83.1753, 82.8226, 86.4655

Tritanomaly

84.4723, 83.3414, 93.2957

Monochromacy



Original Color

82.9477, 83.1334, 85.8033

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2362, 83.8408, 89.7432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9477, 83.1334, 85.8033 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(253, 230, 229) looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 229)  
}
```

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(253, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 229) }
```

Border

The CSS property to change the border of an element to XYZ 82.9477, 83.1334, 85.8033 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(253, 230, 229) }
```


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

```
.border{ border-color:rgb(253, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9477, 83.1334, 85.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 229) }
```

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

```
.background{ background-color: rgb(253,  
230, 229) }
```

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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