

Converting Colors

XYZ(85.0699, 84.2380, 83.6624)

Have a look what the booklet for
XYZ(85.0699, 84.2380, 83.6624)
contains.

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Color

**XYZ(83.2643, 83.3446,
83.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E2
RGB	255, 230, 226
RGB Percent	100%, 90%, 89%
CMY	0.0000, 0.0980, 0.1137
CMYK	0.00, 0.10, 0.11, 0.00
HSL	8°, 100%, 94%
HSV	8°, 11%, 100%
XYZ	83.2643, 83.3446, 83.6501
YIQ	237.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

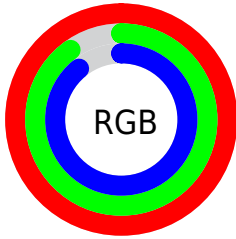
Format	Color
R_{YB}	255, 231, 226
Decimal	16770786
CIE Lab	93.17, 7.88, 5.04
CIE LCh	93, 9.356, 32.602
Yxy	83.3446, 0.3327, 0.3330
Android (android.graphics.Color)	4294960866 (0xFFFFE6E2)
YUV	237.0190, -5.4324, 15.7693
Hunter-Lab	91.2933, 3.0383, 9.5791

Details

The XYZ color **83.2643, 83.3446, 83.6501** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9103, 92.3806, 108.0164**, and the grayscale version is **80.5444, 84.7389, 92.2807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9694, 45.6060, 44.9081** is the 20% darker color. If you saturate the color by 10%, you get **74.2866, 70.5787, 64.6592**, and if you desaturate by 10%, it is **93.5374, 97.8679, 105.6424**.

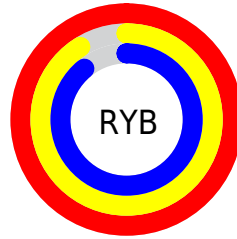
Distribution



Red (100%)

Green (90%)

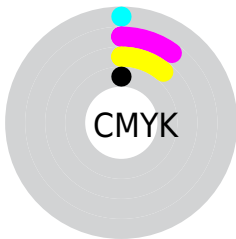
Blue (89%)



Red (100%)

Yellow (91%)

Blue (89%)

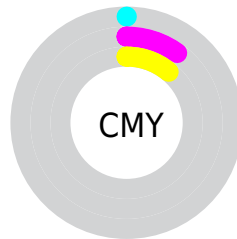


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2643, 83.3446, 83.6501 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 83.2643, 83.3446, 83.6501 by changing the saturation by 10% instead.


 83.2643, 83.3446,
83.6501

 83.2643, 83.3446,
83.6501


494.4376,
506.1343, 527.1782

 62.7259, 62.4745,
62.1829


136.8722,
138.0580, 140.3430

 45.8773, 45.4162,
44.7437


170.6723,
172.6701, 176.4057

 32.3532, 31.7854,
30.9141


209.6238,
212.6315, 218.1707

 21.7883, 21.1976,
20.2756

254.0918,
258.3269, 266.0565

 13.8171, 13.2685,
12.4095

304.4419,
310.1404, 320.4816

 8.0744, 7.6137,
6.8973

361.0393,

 4.1948, 3.8488,

368.4565, 381.8645

3.3205

424.2494,
433.6597, 450.6239

■ 1.8129, 1.5893,
1.2605

■ 0.5254, 0.3504,
0.0291

■ 83.2643, 83.3446,
83.6501

■ 83.2643, 83.3446,
83.6501

■ 74.2866, 70.5787,
64.6592

■ 93.5374, 97.8679,
105.6424

■ 66.5472, 59.4935,
48.5343

95.0500, 100.0000,
108.9000

■ 59.9930, 50.0220,
35.1374

■ 54.5648, 42.0885,
24.3173

■ 50.1984, 35.6114,
15.9078

■ 46.8229, 30.5015,
9.7232

■ 44.3584, 26.6596,
5.5506

■ 42.7122, 23.9727,
3.1352

■ 41.8473, 22.4747,
2.1324

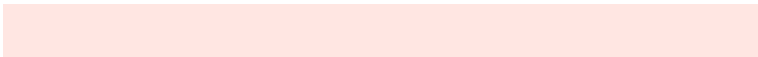
Harmonies

Analogous

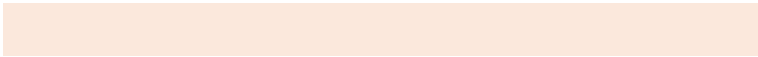
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0313, 83.3446, 90.1350



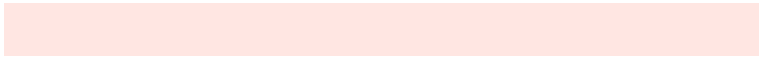
83.2643, 83.3446, 83.6501



81.4109, 83.3446, 79.2557

Triad

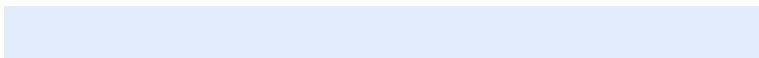
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2643, 83.3446, 83.6501



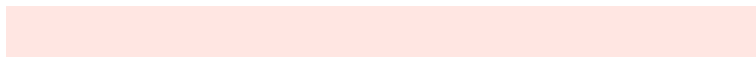
75.0949, 83.3446, 84.6622



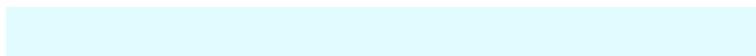
79.4313, 83.3446, 104.9494

Complementary

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



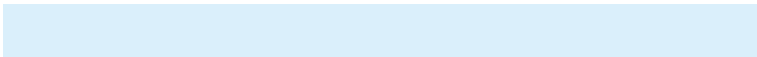
83.2643, 83.3446, 83.6501



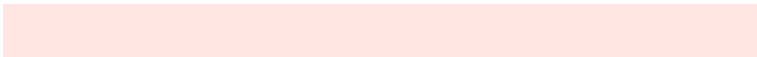
83.9103, 92.3806, 108.0164

Split Complementary

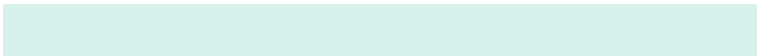
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0620, 83.3446, 103.3010



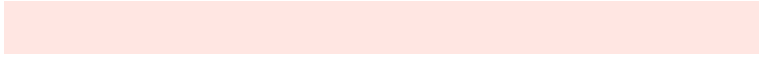
83.2643, 83.3446, 83.6501



74.5893, 83.3446, 91.3639

Square

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



83.2643, 83.3446, 83.6501



76.6977, 83.3446, 79.8184



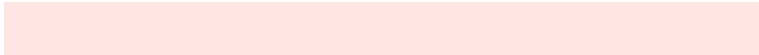
75.3021, 83.3446, 98.2367



81.7899, 83.3446, 102.6326

Rectangle

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



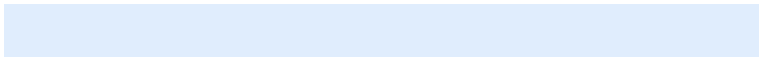
83.2643, 83.3446, 83.6501



79.8265, 83.3446, 77.9786



75.3021, 83.3446, 98.2367



78.6097, 83.3446, 104.8407

Sweetspot

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



83.2662, 83.3481, 83.6519



91.7751, 95.3820, 101.8526



85.8704, 82.6271, 102.8000



19.4607, 20.1574, 21.4076



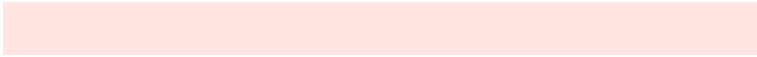
0.0000, 0.0000, 0.0000



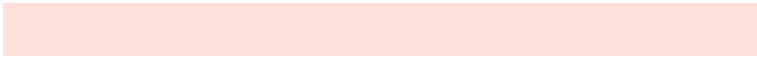
20.3446, 21.4041, 23.3091

Same Dimension

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



83.2662, 83.3481, 83.6519



80.7832, 79.8252, 78.3752



87.4290, 91.6737, 85.0395



18.2116, 18.3914, 18.7344



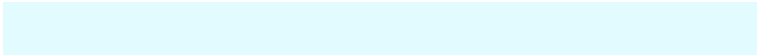
21.9273, 11.8659, 1.1346



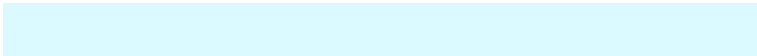
2.1937, 1.2727, 0.1300

Inverse Universe

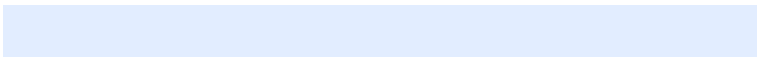
The Inverse Universe completely reimagines the original color for something new.



83.9103, 92.3806, 108.0164



81.5612, 90.7415, 107.8239



79.5930, 83.7459, 106.5773



18.3284, 20.0284, 23.1498



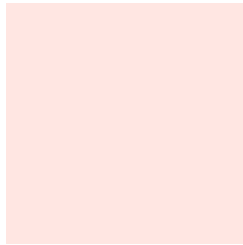
22.8578, 30.6252, 54.1411



2.2820, 3.0946, 5.2903

Previews

White Background



This preview shows how the XYZ color 83.2643, 83.3446, 83.6501 looks on a white background.

Color Contrast Check

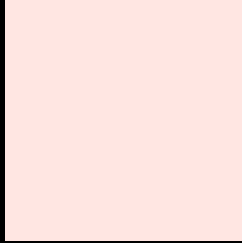
Large Text (above 18pt) WCAG AA × Fail

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 83.2643, 83.3446, 83.6501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

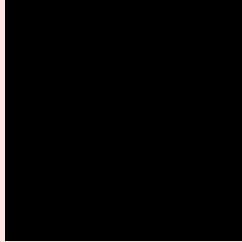
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

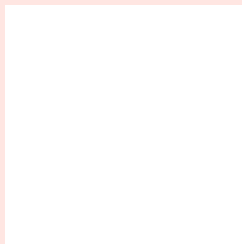
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2643, 83.3446, 83.6501

Background



This preview shows how black text looks on a background with the XYZ color 83.2643, 83.3446, 83.6501.



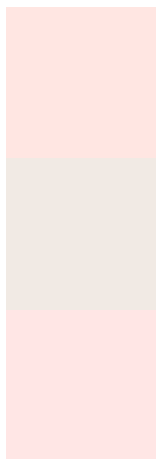
This preview shows how white text looks on a background with the XYZ color 83.2643, 83.3446,

83.6501.

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

83.2643, 83.3446, 83.6501

Protanopia

79.7020, 83.1478, 85.2472

Deuteranopia

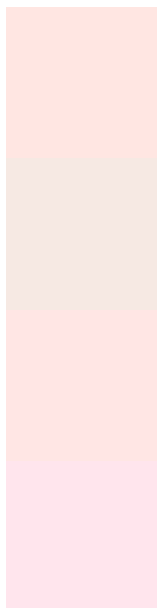
83.6797, 83.5108, 85.8375



Tritanopia

85.3125, 83.2785, 97.1658

Trichromacy



Original Color

83.2643, 83.3446, 83.6501

Protanomaly

81.0101, 83.4167, 84.5044

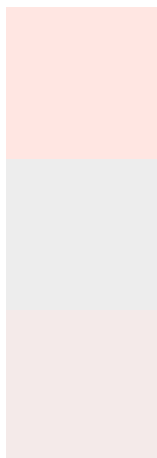
Deuteranomaly

83.5404, 83.4551, 85.1042

Tritanomaly

84.5454, 83.4130, 91.7651

Monochromacy



Original Color

83.2643, 83.3446, 83.6501

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4390, 83.9619, 89.0048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2643, 83.3446, 83.6501 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 226) }
```

Border

The CSS property to change the border of an element to XYZ 83.2643, 83.3446, 83.6501 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, 226) }
```


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

```
.border{ border-color:rgb(255, 230, 226) }
```

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, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2643, 83.3446, 83.6501 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
230, 226) }
```

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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