

Converting Colors

XYZ(83.1439, 83.4089, 89.0212)

Have a look what the booklet for
XYZ(83.1439, 83.4089, 89.0212)
contains.

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Color

**XYZ(83.0676, 83.5442,
88.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE7E9
RGB	251, 231, 233
RGB Percent	98%, 91%, 91%
CMY	0.0157, 0.0941, 0.0863
CMYK	0.00, 0.08, 0.07, 0.02
HSL	354°, 71%, 95%
HSV	354°, 8%, 98%
XYZ	83.0676, 83.5442, 88.8383
YIQ	237.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

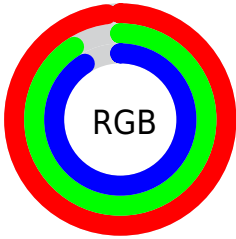
Format	Color
R _Y B	251, 231, 233
Decimal	16508905
CIE Lab	93.25, 7.13, 1.48
CIE LCh	93, 7.281, 11.726
Yxy	83.5442, 0.3252, 0.3270
Android (android.graphics.Color)	4294698985 (0xFFFB E7E9)
YUV	237.2080, -2.0745, 12.0956
Hunter-Lab	91.4025, 2.2683, 6.3551

Details

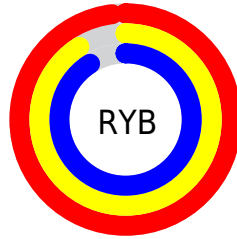
The XYZ color **83.0676, 83.5442, 88.8383** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5543, 92.8251, 103.0877**, and the grayscale version is **80.6678, 84.8688, 92.4222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5139, 45.3036, 47.9406** is the 20% darker color. If you saturate the color by 10%, you get **73.5164, 69.2801, 70.7365**, and if you desaturate by 10%, it is **93.5942, 99.2495, 108.8319**.

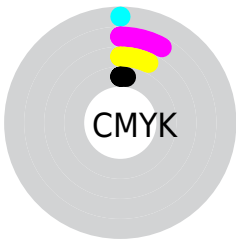
Distribution



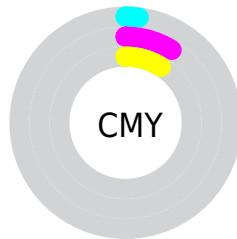
- Red (98%)
- Green (91%)
- Blue (91%)



- Red (98%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0676, 83.5442, 88.8383 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 83.0676, 83.5442, 88.8383 by changing the saturation by 10% instead.


 83.0676, 83.5442,
88.8383

 83.0676, 83.5442,
88.8383

493.7923,
506.7984, 544.7169

 62.5630, 62.6392,
66.4493


136.5982,
138.3374, 147.6451

 45.7451, 45.5494,
48.1784


170.3549,
172.9944, 184.8999

 32.2485, 31.8904,
33.6072


209.2597,
213.0041, 227.9470

 21.7078, 21.2778,
22.3171

253.6779,
258.7511, 277.2051

 13.7578, 13.3272,
13.8895

303.9749,
310.6196, 333.0926

 8.0330, 7.6542,
7.9060

360.5161,

 4.1680, 3.8745,

368.9940, 396.0280

3.9480

423.6668,
434.2588, 466.4299

■ 1.7976, 1.6036,
1.5968

■ 0.5162, 0.3600,
0.2886

■ 83.0676, 83.5442,
88.8383

■ 83.0676, 83.5442,
88.8383

■ 73.5164, 69.2801,
70.7365

■ 93.5942, 99.2495,
108.8319

■ 65.3254, 57.1009,
55.0493

■ 58.4346, 46.9122,
41.6761

■ 52.7769, 38.6080,
30.5073

■ 48.2792, 32.0726,
21.4241

■ 44.8605, 27.1775,
14.2967

■ 42.4294, 23.7767,
8.9806

■ 40.8790, 21.6986,
5.3112

■ 40.0695, 20.7123,
3.0908

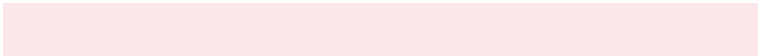
Harmonies

Analogous

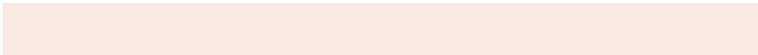
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9555, 83.5442, 94.3133



83.0676, 83.5442, 88.8383



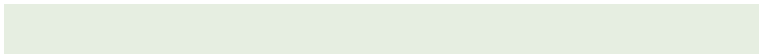
82.1871, 83.5442, 84.1235

Triad

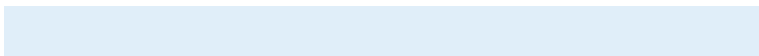
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0676, 83.5442, 88.8383



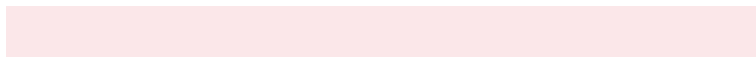
76.9799, 83.5442, 83.3175



78.2569, 83.5442, 101.3545

Complementary

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



83.0676, 83.5442, 88.8383



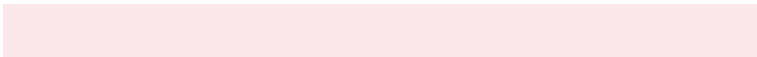
84.5543, 92.8251, 103.0877

Split Complementary

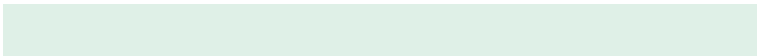
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6889, 83.5442, 98.1686



83.0676, 83.5442, 88.8383



75.9598, 83.5442, 87.6977

Square

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



83.0676, 83.5442, 88.8383



78.6600, 83.5442, 81.0228



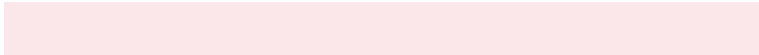
75.8541, 83.5442, 93.1262



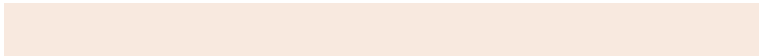
80.1572, 83.5442, 101.6899

Rectangle

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



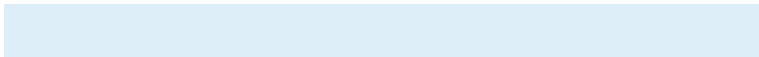
83.0676, 83.5442, 88.8383



81.1638, 83.5442, 81.9878



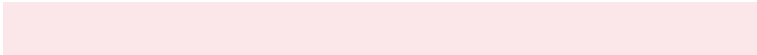
75.8541, 83.5442, 93.1262



77.6743, 83.5442, 100.5756

Sweetspot

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



83.0699, 83.5479, 88.8401



92.7141, 96.4969, 104.5183



85.0580, 84.2603, 103.0489



19.8691, 20.6910, 22.4172



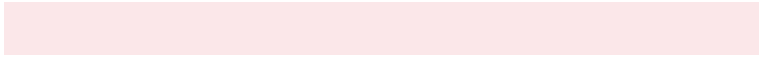
0.0000, 0.0000, 0.0000



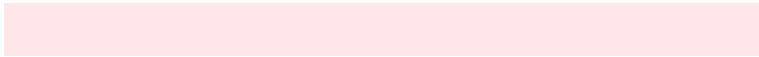
20.3446, 21.4041, 23.3091

Same Dimension

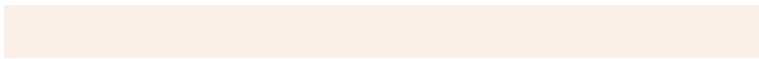
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0699, 83.5479, 88.8401



83.9698, 83.4045, 88.0506



85.0765, 88.0147, 88.1101



17.3150, 17.2534, 18.2485



21.0281, 10.8269, 1.5902



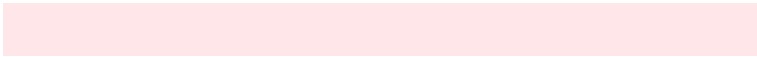
1.9703, 1.0118, 0.2669

Inverse Universe

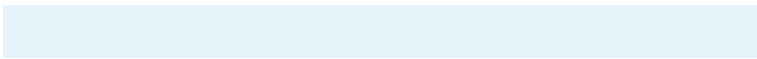
The Inverse Universe completely reimagines the original color for something new.



83.0699, 83.5479, 88.8401



83.9698, 83.4045, 88.0506



82.4212, 88.0581, 103.9209



17.3150, 17.2534, 18.2485



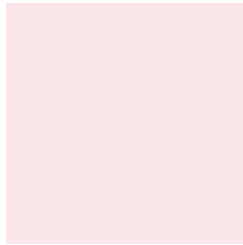
21.0281, 10.8269, 1.5902



1.9703, 1.0118, 0.2669

Previews

White Background



This preview shows how the XYZ color 83.0676, 83.5442, 88.8383 looks on a white background.

Color Contrast Check

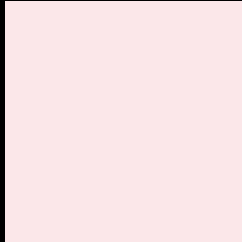
Large Text (above 18pt) WCAG AA × Fail

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 83.0676, 83.5442, 88.8383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

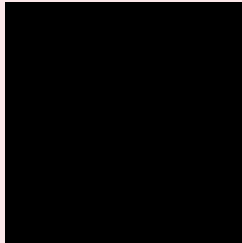
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

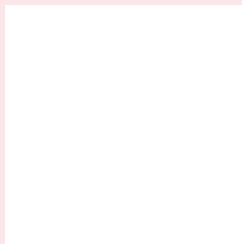
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0676, 83.5442, 88.8383

Background



This preview shows how black text looks on a background with the XYZ color 83.0676, 83.5442, 88.8383.

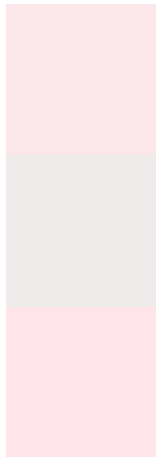


This preview shows how white text looks on a background with the XYZ color 83.0676, 83.5442,

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

83.0676, 83.5442, 88.8383

Protanopia

80.6389, 83.9401, 90.5492

Deuteranopia

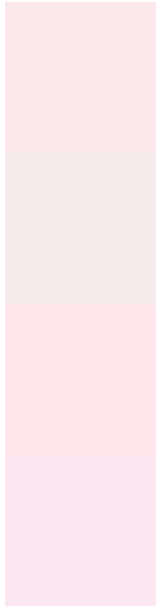
84.1106, 83.2391, 89.4756



Tritanopia

85.3158, 83.6367, 99.6426

Trichromacy



Original Color

83.0676, 83.5442, 88.8383

Protanomaly

81.5823, 84.0192, 89.7594

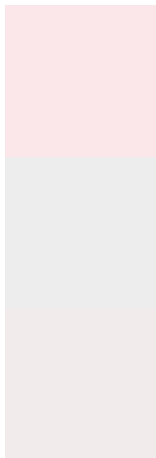
Deuteranomaly

84.0211, 83.6050, 89.5509

Tritanomaly

84.4687, 83.6999, 95.7081

Monochromacy



Original Color

83.0676, 83.5442, 88.8383

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4666, 84.3500, 91.3443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0676, 83.5442, 88.8383 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(251, 231, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 231, 233)  
}
```

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(251, 231, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 231, 233) }
```

Border

The CSS property to change the border of an element to XYZ 83.0676, 83.5442, 88.8383 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(251, 231, 233) }
```


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

```
.border{ border-color:rgb(251, 231, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 231, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 231, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 231, 233);  
box-shadow:4px 4px 4px 4px rgb(251, 231,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0676, 83.5442, 88.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 231, 233) }
```

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

```
.background{ background-color: rgb(251,  
231, 233) }
```

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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