

Converting Colors

XYZ(83.8798, 83.0479, 88.9687)

Have a look what the booklet for
XYZ(83.8798, 83.0479, 88.9687)
contains.

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Color

**XYZ(83.9673, 83.1818,
88.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E9
RGB	255, 229, 233
RGB Percent	100%, 90%, 91%
CMY	0.0000, 0.1019, 0.0863
CMYK	0.00, 0.10, 0.09, 0.00
HSL	351°, 100%, 95%
HSV	351°, 10%, 100%
XYZ	83.9673, 83.1818, 88.7209
YIQ	237.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

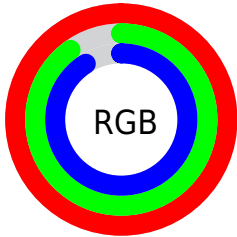
Format	Color
R_{YB}	255, 229, 233
Decimal	16770537
CIE Lab	93.09, 9.53, 1.29
CIE LCh	93, 9.618, 7.705
Yxy	83.1818, 0.3282, 0.3251
Android (android.graphics.Color)	4294960617 (0xFFFFE5E9)
YUV	237.2300, -2.0854, 15.5843
Hunter-Lab	91.2041, 4.7295, 6.1671

Details

The XYZ color **83.9673, 83.1818, 88.7209** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4883, 95.1443, 105.1294**, and the grayscale version is **80.6830, 84.8848, 92.4395**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3606, 45.4522, 47.9247** is the 20% darker color. If you saturate the color by 10%, you get **74.5264, 68.9356, 71.2831**, and if you desaturate by 10%, it is **94.8254, 99.6583, 108.4934**.

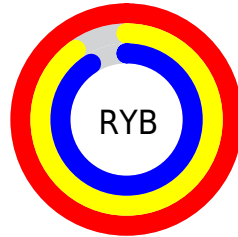
Distribution



Red (100%)

Green (90%)

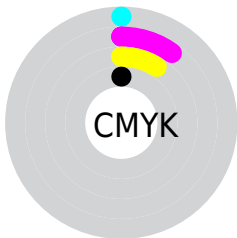
Blue (91%)



Red (100%)

Yellow (90%)

Blue (91%)

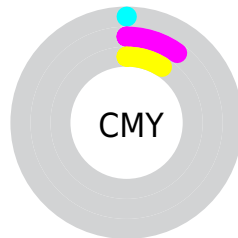


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9673, 83.1818, 88.7209 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 83.9673, 83.1818, 88.7209 by changing the saturation by 10% instead.


 83.9673, 83.1818,
88.7209

 83.9673, 83.1818,
88.7209


496.7399,
505.5922, 544.3235

 63.3081, 62.3401,
66.3525


137.8509,
137.8301, 147.4803

 46.3501, 45.3076,
48.1003


171.8060,
172.4054, 184.7085

 32.7279, 31.6998,
33.5458


210.9238,
212.3275, 227.7270

 22.0763, 21.1323,
22.2704

255.5696,
257.9807, 276.9544

 14.0299, 13.2207,
13.8555

306.1087,
309.7494, 332.8092

 8.2233, 7.5807,
7.8826

362.9066,

 4.2912, 3.8279,

368.0179, 395.7099

3.9332

426.3285,
433.1707, 466.0752

■ 1.8681, 1.5777,
1.5888

■ 0.5582, 0.3425,
0.2828

■ 83.9673, 83.1818,
88.7209

■ 83.9673, 83.1818,
88.7209

■ 74.5264, 68.9356,
71.2831

94.8254, 99.6583,
108.4934

■ 66.4385, 56.8139,
56.0885

95.0500, 100.0000,
108.9000

■ 59.6427, 46.7180,
43.0471

■ 54.0715, 38.5368,
32.0608

■ 49.6510, 32.1491,
23.0239

■ 46.2992, 27.4194,
15.8213

■ 43.9230, 24.1930,
10.3252

■ 42.4129, 22.2856,
6.3910

■ 41.6095, 21.4078,
3.8756

Harmonies

Analogous

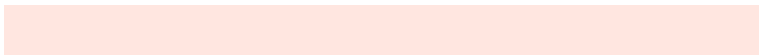
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6358, 83.1818, 95.9446



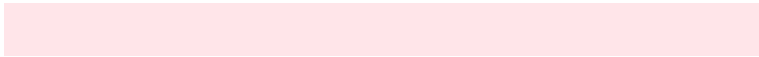
83.9673, 83.1818, 88.7209



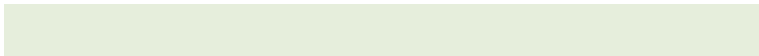
82.9624, 83.1818, 82.3367

Triad

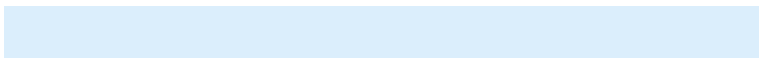
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9673, 83.1818, 88.7209



76.1318, 83.1818, 80.0174



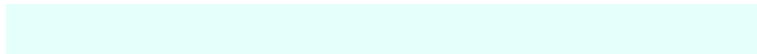
77.2356, 83.1818, 104.0434

Complementary

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



83.9673, 83.1818, 88.7209



85.4883, 95.1443, 105.1294

Split Complementary

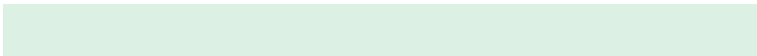
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2854, 83.1818, 99.3365



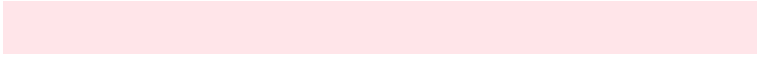
83.9673, 83.1818, 88.7209



74.6577, 83.1818, 85.4015

Square

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



83.9673, 83.1818, 88.7209



78.4132, 83.1818, 77.4887



74.3512, 83.1818, 92.4463



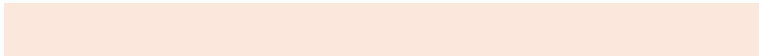
79.7140, 83.1818, 105.0483

Rectangle

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



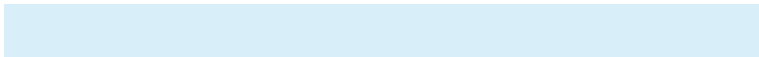
83.9673, 83.1818, 88.7209



81.6821, 83.1818, 79.3269



74.3512, 83.1818, 92.4463



76.4981, 83.1818, 102.8300

Sweetspot

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



83.9692, 83.1852, 88.7227



91.6329, 94.8058, 102.7051



85.7350, 83.7095, 106.2466



19.4225, 20.0027, 21.6365



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

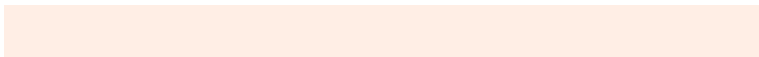
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9692, 83.1852, 88.7227



82.1606, 80.4495, 85.4025



85.8624, 87.8749, 86.5693



18.1232, 18.0326, 19.2657



21.7755, 11.1995, 2.2023



2.1518, 1.1031, 0.3809

Inverse Universe

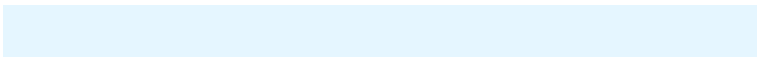
The Inverse Universe completely reimagines the original color for something new.



83.9692, 83.1852, 88.7227



82.1606, 80.4495, 85.4025



83.4229, 89.9947, 107.5816



18.1232, 18.0326, 19.2657



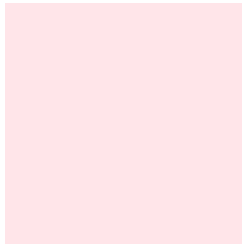
21.7755, 11.1995, 2.2023



2.1518, 1.1031, 0.3809

Previews

White Background



This preview shows how the XYZ color 83.9673, 83.1818, 88.7209 looks on a white background.

Color Contrast Check

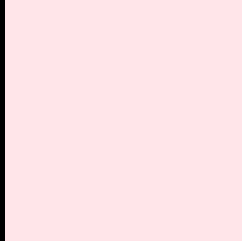
Large Text (above 18pt) WCAG AA × Fail

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 83.9673, 83.1818, 88.7209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

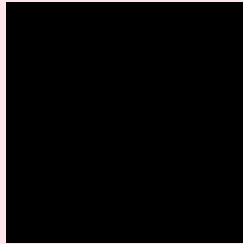
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.9673, 83.1818, 88.7209

Background



This preview shows how black text looks on a background with the XYZ color 83.9673, 83.1818, 88.7209.



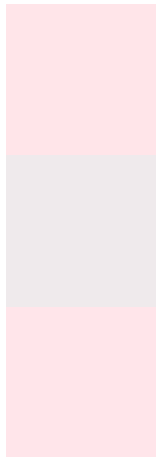
This preview shows how white text looks on a background with the XYZ color 83.9673, 83.1818,

88.7209.

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

83.9673, 83.1818, 88.7209

Protanopia

80.1597, 83.2525, 91.2013

Deuteranopia

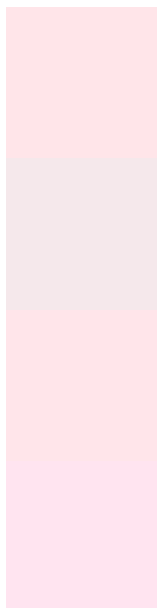
84.1106, 83.2391, 89.4756



Tritanopia

85.3125, 83.2785, 97.1658

Trichromacy



Original Color

83.9673, 83.1818, 88.7209

Protanomaly

81.5082, 83.1239, 90.3458

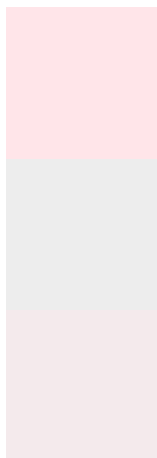
Deuteranomaly

84.1106, 83.2391, 89.4756

Tritanomaly

84.7116, 83.0381, 94.0012

Monochromacy



Original Color

83.9673, 83.1818, 88.7209

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.8714, 84.1349, 91.2814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9673, 83.1818, 88.7209 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, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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(255, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 233) }
```

Border

The CSS property to change the border of an element to XYZ 83.9673, 83.1818, 88.7209 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, 229, 233) }
```


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

```
.border{ border-color:rgb(255, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 233); box-shadow:4px 4px 4px 4px rgb(255, 229, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9673, 83.1818, 88.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 233) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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