

Converting Colors

XYZ(87.3074, 86.6905, 89.6166)

Have a look what the booklet for
XYZ(87.3074, 86.6905, 89.6166)
contains.

XYZ(85.2302, 85.4783, 89.8488)	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(85.2302, 85.4783,
89.8488)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9EA
RGB	255, 233, 234
RGB Percent	100%, 91%, 92%
CMY	0.0000, 0.0863, 0.0823
CMYK	0.00, 0.09, 0.08, 0.00
HSL	357°, 100%, 96%
HSV	357°, 9%, 100%
XYZ	85.2302, 85.4783, 89.8488
YIQ	239.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

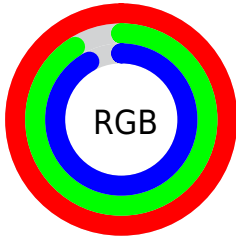
Format	Color
R _Y B	255, 233, 234
Decimal	16771562
CIE Lab	94.09, 7.64, 2.22
CIE LCh	94, 7.951, 16.186
Yxy	85.4783, 0.3271, 0.3281
Android (android.graphics.Color)	4294961642 (0xFFFFE9EA)
YUV	239.6920, -2.8062, 13.4251
Hunter-Lab	92.4545, 2.7569, 7.0991

Details

The XYZ color **85.2302, 85.4783, 89.8488** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.2563, 96.0007, 107.7006**, and the grayscale version is **82.5996, 86.9012, 94.6354**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0467, 46.6644, 48.6470** is the 20% darker color. If you saturate the color by 10%, you get **75.2657, 70.7672, 70.4409**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

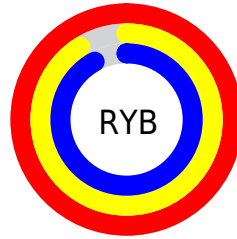
Distribution



Red (100%)

Green (91%)

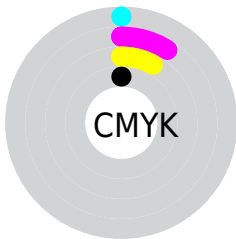
Blue (92%)



Red (100%)

Yellow (91%)

Blue (92%)

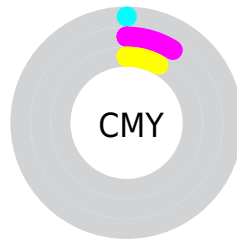


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2302, 85.4783, 89.8488 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 85.2302, 85.4783, 89.8488 by changing the saturation by 10% instead.


 85.2302, 85.4783,
89.8488

 85.2302, 85.4783,
89.8488


500.8617,
513.2094, 548.0963

 64.3547, 64.2367,
67.2822


139.6071,
141.0412, 149.0620

 47.2008, 46.8424,
48.8510

173.8393,
176.1313, 186.5458

 33.4030, 32.9111,
34.1365


213.2544,
216.6064, 229.8390

 22.5961, 22.0583,
22.7203

258.2178,
262.8507, 279.3603

 14.4146, 13.8998,
14.1838

309.0949,
315.2488, 335.5281

 8.4932, 8.0510,
8.1084

366.2510,

 4.4666, 4.1276,

374.1850, 398.7610

4.0756

430.0515,
440.0438, 469.4776

■ 1.9693, 1.7452,
1.6669

■ 0.6166, 0.4527,
0.3379

■ 85.2302, 85.4783,
89.8488

■ 85.2302, 85.4783,
89.8488

■ 75.2657, 70.7672,
70.4409

95.0500, 100.0000,
108.9000

■ 66.7590, 58.2343,
53.7928

■ 59.6435, 47.7791,
39.7808

■ 53.8452, 39.2894,
28.2697

■ 49.2832, 32.6425,
19.1125

■ 45.8676, 27.7016,
12.1464

■ 43.4964, 24.3111,
7.1885

■ 42.0497, 22.2871,
4.0257

■ 41.3635, 21.3703,
2.3927

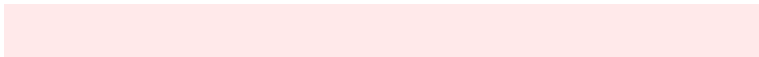
Harmonies

Analogous

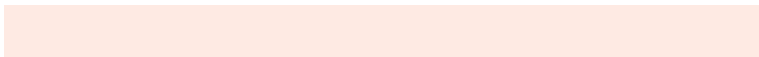
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2754, 85.4783, 95.8921



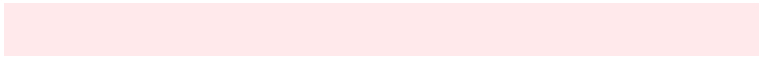
85.2302, 85.4783, 89.8488



84.1050, 85.4783, 84.8838

Triad

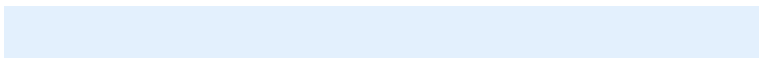
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2302, 85.4783, 89.8488



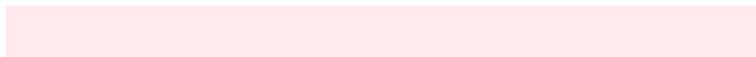
78.3330, 85.4783, 85.2062



80.2733, 85.4783, 104.8978

Complementary

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



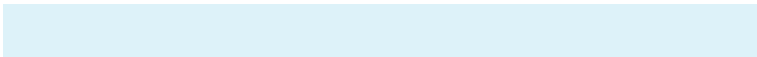
85.2302, 85.4783, 89.8488



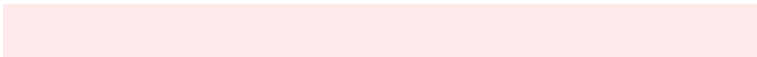
87.2563, 96.0007, 107.7006

Split Complementary

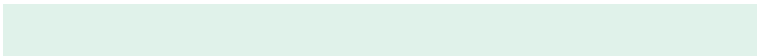
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4498, 85.4783, 101.7691



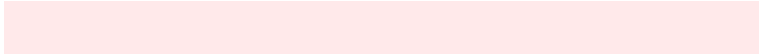
85.2302, 85.4783, 89.8488



77.3428, 85.4783, 90.3064

Square

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



85.2302, 85.4783, 89.8488



80.1114, 85.4783, 82.2843



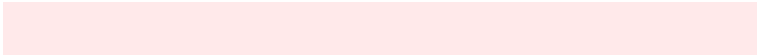
77.3852, 85.4783, 96.3700



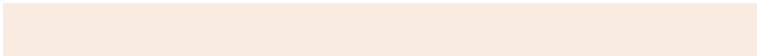
82.3883, 85.4783, 104.7621

Rectangle

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



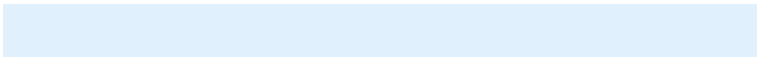
85.2302, 85.4783, 89.8488



82.9048, 85.4783, 82.7755



77.3852, 85.4783, 96.3700



79.6067, 85.4783, 104.1873

Sweetspot

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



85.2321, 85.4818, 89.8506



91.5041, 94.7543, 102.0268



88.0272, 86.5532, 106.6747



19.3879, 19.9889, 21.4544



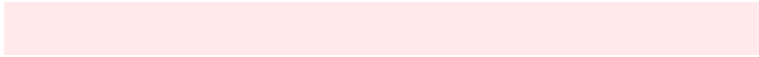
0.0000, 0.0000, 0.0000



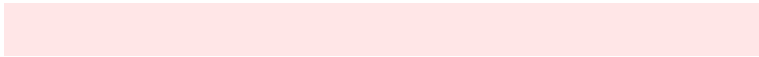
20.3446, 21.4041, 23.3091

Same Dimension

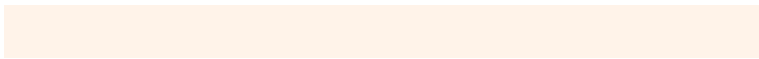
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2321, 85.4818, 89.8506



83.7729, 83.3257, 87.0139



87.9705, 91.1868, 90.0595



18.0427, 18.0004, 18.8420



21.5962, 11.1278, 1.2583



2.1139, 1.0880, 0.1815

Inverse Universe

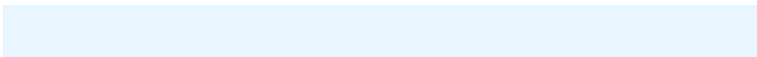
The Inverse Universe completely reimagines the original color for something new.



85.2321, 85.4818, 89.8506



83.7729, 83.3257, 87.0139



84.3397, 89.9116, 107.5172



18.0427, 18.0004, 18.8420



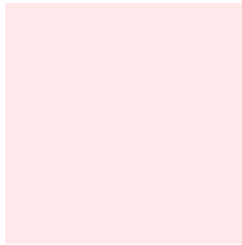
21.5962, 11.1278, 1.2583



2.1139, 1.0880, 0.1815

Previews

White Background



This preview shows how the XYZ color 85.2302, 85.4783, 89.8488 looks on a white background.

Color Contrast Check

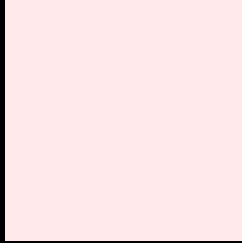
Large Text (above 18pt) WCAG AA × Fail

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 85.2302, 85.4783, 89.8488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

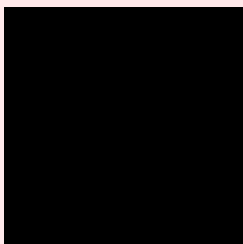
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.2302, 85.4783, 89.8488

Background



This preview shows how black text looks on a background with the XYZ color 85.2302, 85.4783, 89.8488.



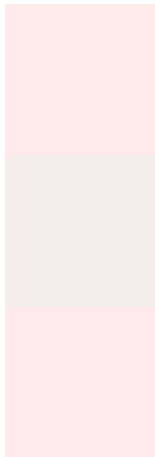
This preview shows how white text looks on a background with the XYZ color 85.2302, 85.4783,

89.8488.

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

85.2302, 85.4783, 89.8488

Protanopia

82.3867, 85.6792, 91.5524

Deuteranopia

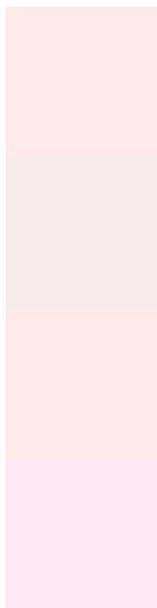
85.5192, 85.5940, 91.3708



Tritanopia

87.0399, 85.7505, 100.7709

Trichromacy



Original Color

85.2302, 85.4783, 89.8488

Protanomaly

83.3486, 85.7632, 90.7583

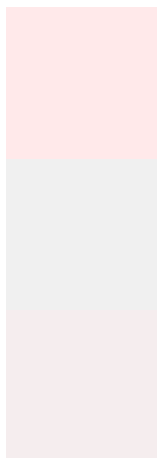
Deuteranomaly

85.3743, 85.5360, 90.6076

Tritanomaly

86.2743, 85.4443, 96.7393

Monochromacy



Original Color

85.2302, 85.4783, 89.8488

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3730, 86.1539, 93.1241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2302, 85.4783, 89.8488 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, 233, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 234)  
}
```

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, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.2302, 85.4783, 89.8488 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, 233, 234) }
```


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

```
.border{ border-color:rgb(255, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2302, 85.4783, 89.8488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 234) }
```

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

```
.background{ background-color: rgb(255,  
233, 234) }
```

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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