

Converting Colors

XYZ(83.1959, 85.2785, 90.6595)

Have a look what the booklet for
XYZ(83.1959, 85.2785, 90.6595)
contains.

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Color

**XYZ(83.0615, 85.1890,
90.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBEB
RGB	247, 235, 235
RGB Percent	97%, 92%, 92%
CMY	0.0314, 0.0784, 0.0784
CMYK	0.00, 0.05, 0.05, 0.03
HSL	0°, 43%, 95%
HSV	0°, 5%, 97%
XYZ	83.0615, 85.1890, 90.6626
YIQ	238.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

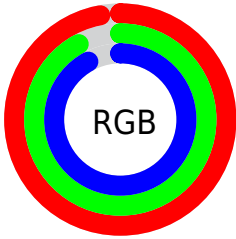
Format	Color
R _Y B	247, 235, 235
Decimal	16247787
CIE Lab	93.96, 4.05, 1.44
CIE LCh	94, 4.295, 19.553
Yxy	85.1890, 0.3208, 0.3290
Android (android.graphics.Color)	4294437867 (0xFF7EBEBE)
YUV	238.5880, -1.7689, 7.3773
Hunter-Lab	92.2979, -0.8841, 6.3690

Details

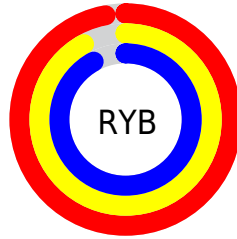
The XYZ color **83.0615, 85.1890, 90.6626** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3101, 90.8977, 101.0981**, and the grayscale version is **81.7353, 85.9919, 93.6452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7426, 46.5712, 49.2261** is the 20% darker color. If you saturate the color by 10%, you get **73.1530, 70.6912, 70.9591**, and if you desaturate by 10%, it is **92.1682, 98.5144, 108.7651**.

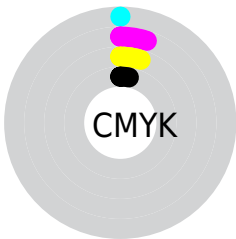
Distribution



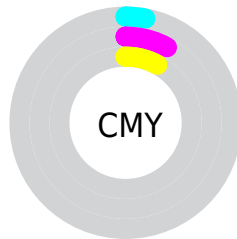
- Red (97%)
- Green (92%)
- Blue (92%)



- Red (97%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0615, 85.1890, 90.6626 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 83.0615, 85.1890, 90.6626 by changing the saturation by 10% instead.


 83.0615, 85.1890,
90.6626

 83.0615, 85.1890,
90.6626


493.7723,
512.2533, 550.8095

 62.5580, 63.9976,
67.9535


136.5897,
140.6372, 150.2020

 45.7410, 46.6487,
49.3935


170.3450,
175.6628, 187.8694

 32.2453, 32.7580,
34.5639


209.2484,
216.0685, 231.3600

 21.7053, 21.9411,
23.0463

253.6650,
262.2387, 281.0923

 13.7559, 13.8137,
14.4221

303.9604,
314.5580, 337.4848

 8.0317, 7.9912,
8.2727

360.4999,

 4.1672, 4.0893,

373.4105, 400.9562

4.1797

423.6487,
439.1808, 471.9249

■ 1.7972, 1.7236,
1.7244

■ 0.5160, 0.4389,
0.3774

■ 83.0615, 85.1890,
90.6626

■ 83.0615, 85.1890,
90.6626

■ 73.1530, 70.6912,
70.9591

■ 92.1682, 98.5144,
108.7651

■ 64.6584, 58.2619,
54.0703

■ 57.5155, 47.8100,
39.8695

■ 51.6545, 39.2338,
28.2180

■ 46.9997, 32.4222,
18.9649

■ 43.4671, 27.2526,
11.9435

■ 40.9622, 23.5867,
6.9657

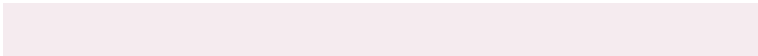
■ 39.3749, 21.2634,
3.8124

■ 38.5701, 20.0850,
2.2146

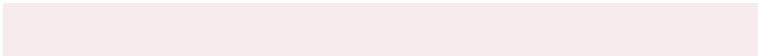
Harmonies

Analogous

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



83.1535, 85.1890, 93.9041



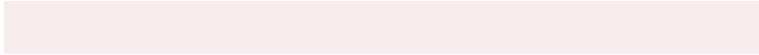
83.0615, 85.1890, 90.6626



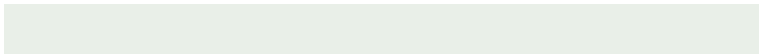
82.4059, 85.1890, 88.0414

Triad

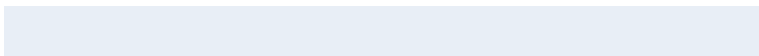
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0615, 85.1890, 90.6626



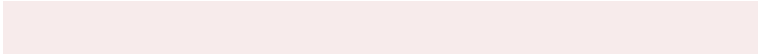
79.3061, 85.1890, 88.7266



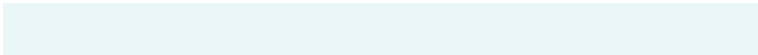
80.5711, 85.1890, 99.0947

Complementary

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



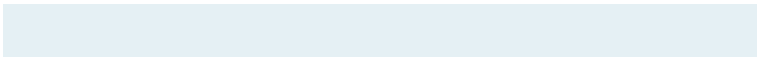
83.0615, 85.1890, 90.6626



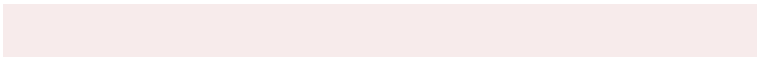
84.3101, 90.8977, 101.0981

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.



79.5500, 85.1890, 97.6367



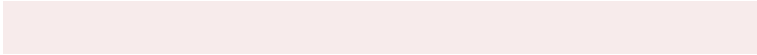
83.0615, 85.1890, 90.6626



78.8242, 85.1890, 91.6180

Square

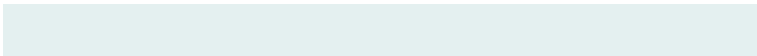
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0615, 85.1890, 90.6626



80.2352, 85.1890, 86.9420



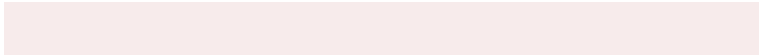
78.9131, 85.1890, 94.8821



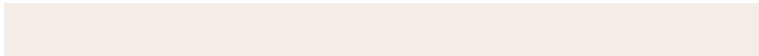
81.7085, 85.1890, 98.8243

Rectangle

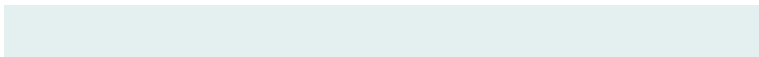
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



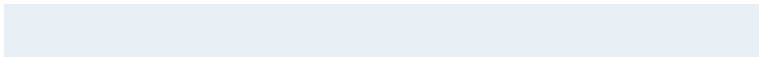
83.0615, 85.1890, 90.6626



81.7410, 85.1890, 86.9743



78.9131, 85.1890, 94.8821



80.2031, 85.1890, 98.7891

Sweetspot

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



83.0639, 85.1927, 90.6644



93.8343, 98.2212, 106.4828



84.8557, 85.9075, 100.1062



20.0972, 21.0421, 22.8172



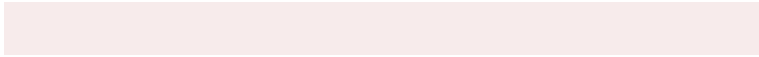
0.0000, 0.0000, 0.0000



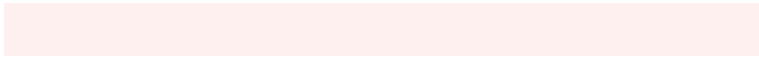
20.3446, 21.4041, 23.3091

Same Dimension

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



83.0639, 85.1927, 90.6644



87.9971, 89.6803, 94.8767



84.8096, 88.6841, 91.2463



17.1092, 17.3754, 18.3215



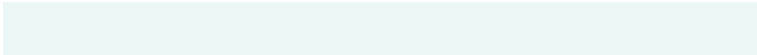
20.2869, 10.4593, 0.9496



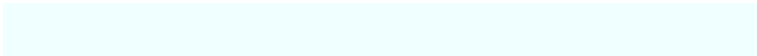
1.7832, 0.9196, 0.0835

Inverse Universe

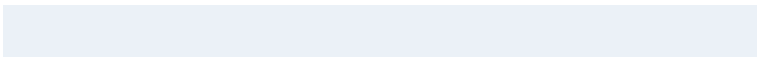
The Inverse Universe completely reimagines the original color for something new.



84.3101, 90.8977, 101.0981



89.6417, 97.2093, 108.6464



82.5059, 87.2894, 100.4967



17.4637, 18.9980, 21.2891



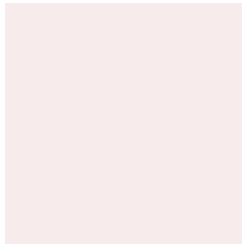
26.4555, 38.7048, 52.6145



2.3253, 3.4021, 4.6243

Previews

White Background



This preview shows how the XYZ color 83.0615, 85.1890, 90.6626 looks on a white background.

Color Contrast Check

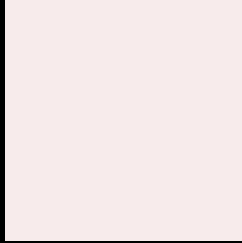
Large Text (above 18pt) WCAG AA × Fail

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 83.0615, 85.1890, 90.6626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

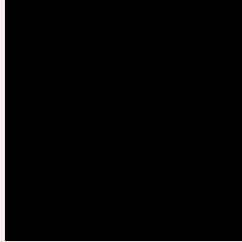
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

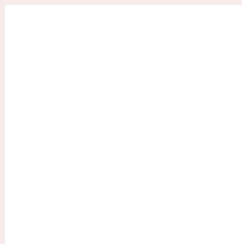
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0615, 85.1890, 90.6626

Background



This preview shows how black text looks on a background with the XYZ color 83.0615, 85.1890, 90.6626.



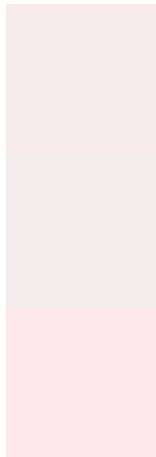
This preview shows how white text looks on a background with the XYZ color 83.0615, 85.1890,

90.6626.

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

83.0615, 85.1890, 90.6626

Protanopia

82.0425, 85.5017, 91.5363

Deuteranopia

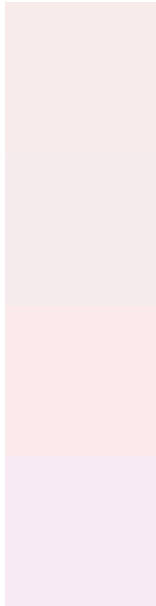
85.2369, 85.0294, 91.2767



Tritanopia

85.6184, 85.3826, 103.2347

Trichromacy



Original Color

83.0615, 85.1890, 90.6626

Protanomaly

82.4440, 85.2801, 91.4723

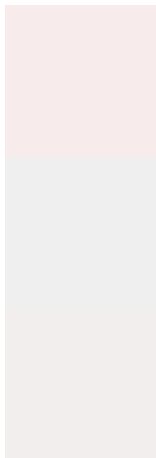
Deuteranomaly

84.4241, 85.0294, 91.3196

Tritanomaly

84.6156, 85.3947, 98.4093

Monochromacy



Original Color

83.0615, 85.1890, 90.6626

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.6251, 86.1994, 93.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0615, 85.1890, 90.6626 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(247, 235, 235) looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 235)  
}
```

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(247, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 235) }
```

Border

The CSS property to change the border of an element to XYZ 83.0615, 85.1890, 90.6626 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(247, 235, 235) }
```


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

```
.border{ border-color:rgb(247, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0615, 85.1890, 90.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 235) }
```

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

```
.background{ background-color: rgb(247,  
235, 235) }
```

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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