

Converting Colors

XYZ(85.0001, 83.4195, 96.0358)

Have a look what the booklet for
XYZ(85.0001, 83.4195, 96.0358)
contains.

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Color

**XYZ(85.0700, 83.5805,
96.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE5F3
RGB	254, 229, 243
RGB Percent	100%, 90%, 95%
CMY	0.0039, 0.1019, 0.0471
CMYK	0.00, 0.10, 0.04, 0.00
HSL	326°, 93%, 95%
HSV	326°, 10%, 100%
XYZ	85.0700, 83.5805, 96.4430
YIQ	238.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

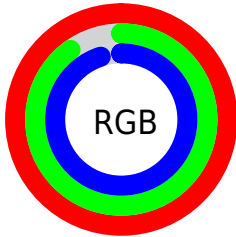
Format	Color
R _Y B	254, 229, 243
Decimal	16705011
CIE Lab	93.27, 10.87, -3.68
CIE LCh	93, 11.478, 341.299
Yxy	83.5805, 0.3209, 0.3153
Android (android.graphics.Color)	4294895091 (0xFFFE5F3)
YUV	238.0710, 2.4300, 13.9697
Hunter-Lab	91.4224, 6.1080, 1.4496

Details

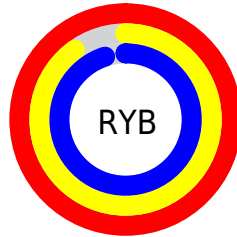
The XYZ color **85.0700, 83.5805, 96.4430** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4863, 93.8351, 96.1543**, and the grayscale version is **81.3012, 85.5351, 93.1478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1317, 45.7303, 53.3564** is the 20% darker color. If you saturate the color by 10%, you get **76.9133, 69.8858, 85.6482**, and if you desaturate by 10%, it is **94.3625, 99.3800, 108.1255**.

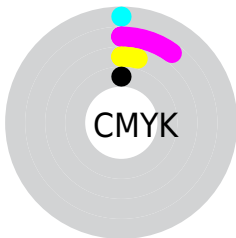
Distribution



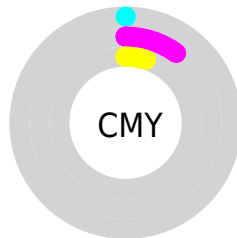
- Red (100%)
- Green (90%)
- Blue (95%)



- Red (100%)
- Yellow (90%)
- Blue (95%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0700, 83.5805, 96.4430 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 85.0700, 83.5805, 96.4430 by changing the saturation by 10% instead.


 85.0700, 83.5805,
96.4430

 85.0700, 83.5805,
96.4430


500.3399,
506.9191, 569.8763

 64.2219, 62.6691,
72.7331


139.3845,
138.3882, 158.2693

 47.0928, 45.5736,
53.2672


173.5816,
173.0533, 197.2228

 33.3173, 31.9095,
37.6270


212.9591,
213.0719, 242.0946

 22.5300, 21.2924,
25.3937

257.8824,
258.8282, 293.3032

 14.3656, 13.3379,
16.1489

308.7167,
310.7067, 351.2671

 8.4588, 7.6616,
9.4741

365.8275,

 4.4442, 3.8792,

369.0917, 416.4049

4.9507

429.5801,
434.3678, 489.1351

■ 1.9564, 1.6062,
2.1601

■ 0.6093, 0.3618,
0.6512

■ 85.0700, 83.5805,
96.4430

■ 85.0700, 83.5805,
96.4430

■ 76.9133, 69.8858,
85.6482

94.3625, 99.3800,
108.1255

■ 69.8389, 58.1954,
75.7113

94.6835, 99.8111,
108.8829

■ 63.7996, 48.4166,
66.6084

■ 58.7419, 40.4454,
58.3123

■ 54.6071, 34.1675,
50.7935

■ 51.3298, 29.4557,
44.0202

■ 48.8357, 26.1644,
37.9574

■ 47.0363, 24.1203,
32.5646

■ 45.7905, 23.0449,
27.7837

Harmonies

Analogous

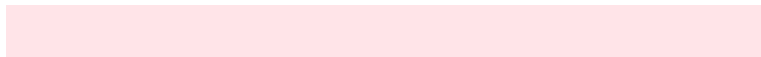
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3359, 83.5805, 104.0820



85.0700, 83.5805, 96.4430



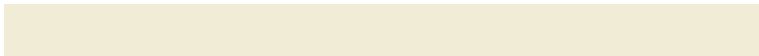
85.2733, 83.5805, 87.7848

Triad

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



85.0700, 83.5805, 96.4430



78.3083, 83.5805, 75.6490



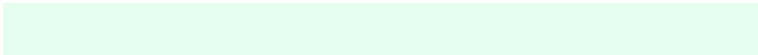
75.1568, 83.5805, 102.4301

Complementary

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



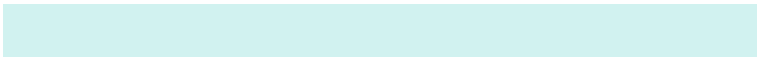
85.0700, 83.5805, 96.4430



83.4863, 93.8351, 96.1543

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.



73.8804, 83.5805, 94.3030



85.0700, 83.5805, 96.4430



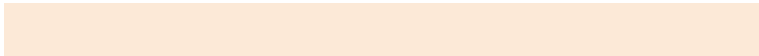
75.6689, 83.5805, 79.0719

Square

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



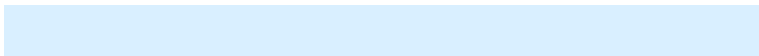
85.0700, 83.5805, 96.4430



81.3175, 83.5805, 76.1414



74.0655, 83.5805, 85.7753



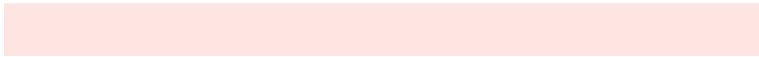
77.5931, 83.5805, 107.6869

Rectangle

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



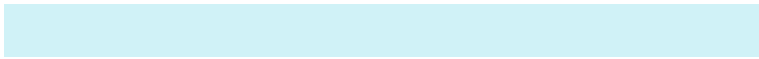
85.0700, 83.5805, 96.4430



84.5075, 83.5805, 82.6345



74.0655, 83.5805, 85.7753



74.5807, 83.5805, 99.9225

Sweetspot

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



85.0724, 83.5841, 96.4448



92.1205, 95.0009, 105.2729



81.7905, 81.6945, 105.2249



19.5538, 20.0552, 22.3282



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

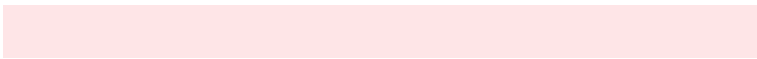
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0724, 83.5841, 96.4448



83.9603, 81.1694, 94.8798



83.2720, 82.8640, 86.9643



18.4353, 18.1574, 20.9094



24.2072, 12.1722, 15.0073



2.4119, 1.2071, 1.7507

Inverse Universe

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



85.0724, 83.5841, 96.4448



83.9603, 81.1694, 94.8798



85.3811, 94.5930, 106.1323



18.4353, 18.1574, 20.9094



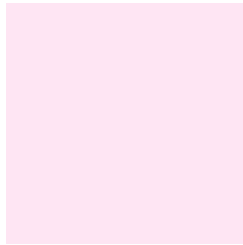
24.2072, 12.1722, 15.0073



2.4119, 1.2071, 1.7507

Previews

White Background



This preview shows how the XYZ color 85.0700, 83.5805, 96.4430 looks on a white background.

Color Contrast Check

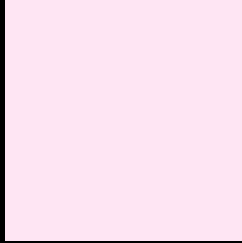
Large Text (above 18pt) WCAG AA × Fail

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 85.0700, 83.5805, 96.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

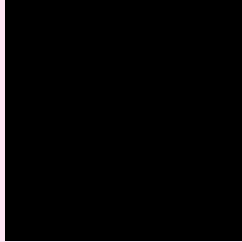
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0700, 83.5805, 96.4430

Background



This preview shows how black text looks on a background with the XYZ color 85.0700, 83.5805, 96.4430.



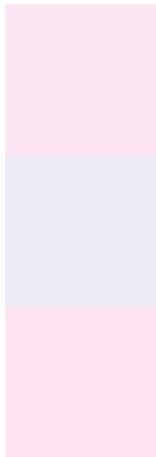
This preview shows how white text looks on a background with the XYZ color 85.0700, 83.5805,

96.4430.

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

85.0700, 83.5805, 96.4430

Protanopia

80.9824, 83.5040, 99.0384

Deuteranopia

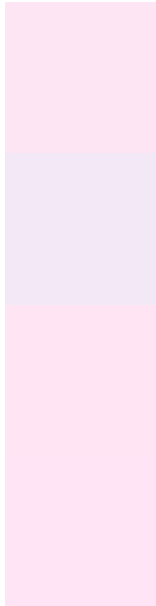
85.4370, 83.7697, 96.4602



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

85.0700, 83.5805, 96.4430

Protanomaly

82.3002, 83.3605, 98.1387

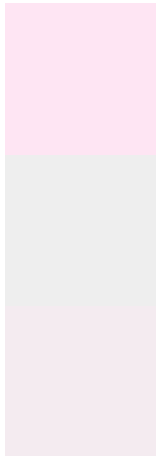
Deuteranomaly

85.4370, 83.7697, 96.4602

Tritanomaly

85.0979, 83.1502, 97.9507

Monochromacy



Original Color

85.0700, 83.5805, 96.4430

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.7447, 84.9410, 94.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0700, 83.5805, 96.4430 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(254, 229, 243) looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 243)  
}
```

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(254, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 243) }
```

Border

The CSS property to change the border of an element to XYZ 85.0700, 83.5805, 96.4430 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(254, 229, 243) }
```


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

```
.border{ border-color:rgb(254, 229, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 229, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0700, 83.5805, 96.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 243) }
```

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

```
.background{ background-color: rgb(254,  
229, 243) }
```

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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