

Converting Colors

XYZ(82.9884, 85.3549, 96.5297)

Have a look what the booklet for
XYZ(82.9884, 85.3549, 96.5297)
contains.

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Color

**XYZ(83.1353, 85.5167,
96.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	F3ECF3
RGB	243, 236, 243
RGB Percent	95%, 93%, 95%
CMY	0.0471, 0.0745, 0.0471
CMYK	0.00, 0.03, 0.00, 0.05
HSL	300°, 23%, 94%
HSV	300°, 3%, 95%
XYZ	83.1353, 85.5167, 96.9187
YIQ	238.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

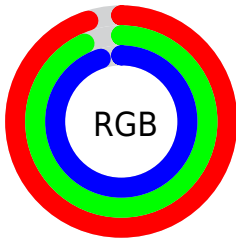
Format	Color
R _{YB}	243, 236, 243
Decimal	15985907
CIE Lab	94.11, 3.58, -2.55
CIE LCh	94, 4.398, 324.533
Yxy	85.5167, 0.3130, 0.3220
Android (android.graphics.Color)	4294175987 (0xFF F3EC F3)
YUV	238.8910, 2.0257, 3.6036
Hunter-Lab	92.4752, -1.3601, 2.5938

Details

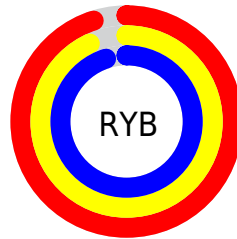
The XYZ color **83.1353, 85.5167, 96.9187** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7862, 87.9925, 92.0350**, and the grayscale version is **81.9451, 86.2127, 93.8856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7844, 46.7952, 53.6330** is the 20% darker color. If you saturate the color by 10%, you get **76.6106, 72.4661, 94.7448**, and if you desaturate by 10%, it is **88.9006, 97.0461, 98.8416**.

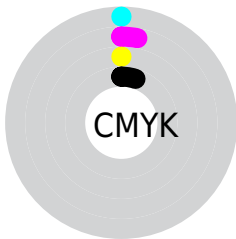
Distribution



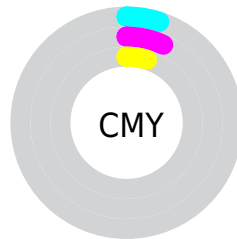
- Red (95%)
- Green (93%)
- Blue (95%)



- Red (95%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.1353, 85.5167, 96.9187 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 83.1353, 85.5167, 96.9187 by changing the saturation by 10% instead.

83.1353, 85.5167,
96.9187

83.1353, 85.5167,
96.9187

494.0144,
513.3362, 571.4299

62.6191, 64.2684,
73.1273

136.6925,
141.0949, 158.9310

45.7906, 46.8681,
53.5876

170.4641,
176.1935, 197.9890

32.2845, 32.9314,
37.8811

209.3850,
216.6777, 242.9729

21.7355, 22.0739,
25.5893

253.8204,
262.9319, 294.3012

13.7782, 13.9112,
16.2936

304.1357,
315.3405, 352.3925

8.0472, 8.0589,
9.5756

360.6962,

4.1772, 4.1327,

374.2878, 417.6654

5.0166

423.8673,
440.1582, 490.5383

■ 1.8029, 1.7481,
2.1981

■ 0.5194, 0.4545,
0.6733

■ 83.1353, 85.5167,
96.9187

■ 83.1353, 85.5167,
96.9187

■ 76.6106, 72.4661,
94.7448

■ 88.9006, 97.0461,
98.8416

■ 70.9971, 61.2391,
92.8735

■ 88.9007, 97.0462,
98.8417

■ 66.2565, 51.7579,
91.2933

■ 88.9007, 97.0462,
98.8417

■ 62.3450, 43.9350,
89.9894

■ 88.9007, 97.0462,
98.8418

59.2150, 37.6750,
88.9460

88.9007, 97.0462,
98.8419

56.8140, 32.8730,
88.1456

88.9007, 97.0462,
98.8420

55.0832, 29.4114,
87.5685

88.9007, 97.0462,
98.8420

53.9545, 27.1541,
87.1923

88.9007, 97.0462,
98.8421

53.3457, 25.9365,
86.9892

88.9008, 97.0462,
98.8422

Harmonies

Analogous

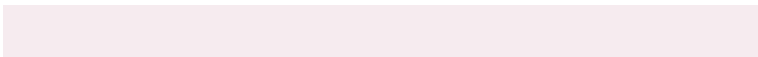
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2229, 85.5167, 99.1252



83.1353, 85.5167, 96.9187



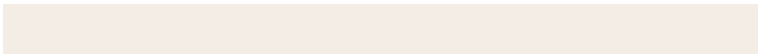
83.5512, 85.5167, 93.7310

Triad

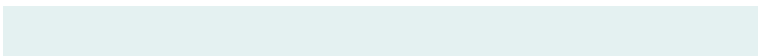
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1353, 85.5167, 96.9187



81.4965, 85.5167, 86.8187



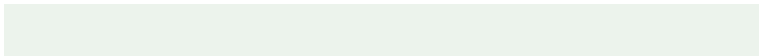
79.2427, 85.5167, 95.8261

Complementary

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



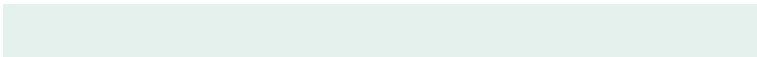
83.1353, 85.5167, 96.9187



81.7862, 87.9925, 92.0350

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.



79.0524, 85.5167, 92.4980



83.1353, 85.5167, 96.9187



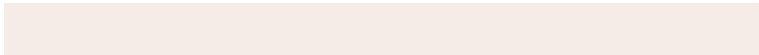
80.3464, 85.5167, 87.3493

Square

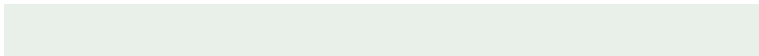
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



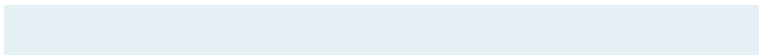
83.1353, 85.5167, 96.9187



82.5992, 85.5167, 87.9414



79.4546, 85.5167, 89.4085



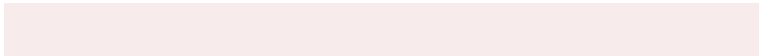
79.9770, 85.5167, 98.4838

Rectangle

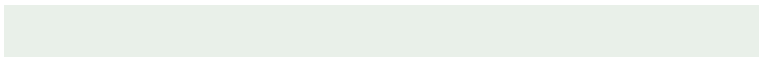
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



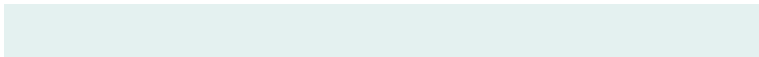
83.1353, 85.5167, 96.9187



83.4880, 85.5167, 91.4987



79.4546, 85.5167, 89.4085



79.1133, 85.5167, 94.7465

Sweetspot

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



83.1377, 85.5204, 96.9206



94.2419, 98.3838, 108.6306



80.7690, 84.2993, 96.8097



20.1802, 21.0752, 23.2543



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.



83.1377, 85.5204, 96.9206



92.6579, 95.2158, 108.1026



82.6144, 85.3110, 94.1645



18.0407, 18.4223, 21.1476



29.1650, 14.0094, 47.7045



2.5633, 1.2313, 4.1928

Inverse Universe

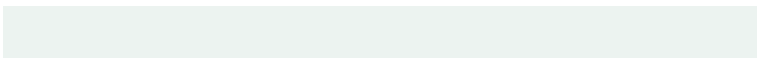
The Inverse Universe completely reimagines the original color for something new.



83.1377, 85.5204, 96.9206



92.6579, 95.2158, 108.1026



82.2996, 88.1978, 94.7383



18.0407, 18.4223, 21.1476



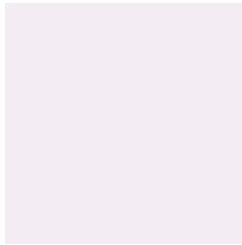
29.1650, 14.0094, 47.7045



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 83.1353, 85.5167, 96.9187 looks on a white background.

Color Contrast Check

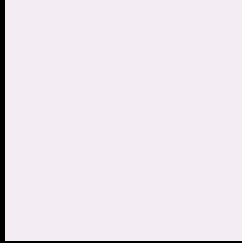
Large Text (above 18pt) WCAG AA × Fail

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 83.1353, 85.5167, 96.9187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

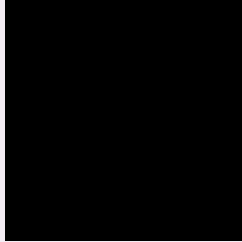
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

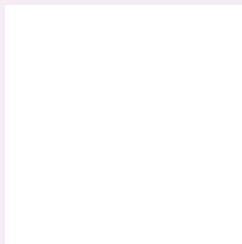
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.1353, 85.5167, 96.9187

Background



This preview shows how black text looks on a background with the XYZ color 83.1353, 85.5167, 96.9187.



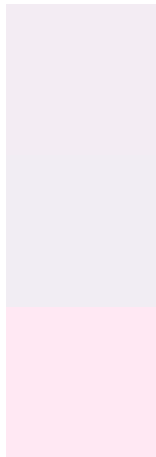
This preview shows how white text looks on a background with the XYZ color 83.1353, 85.5167,

96.9 87.

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

83.1353, 85.5167, 96.9187

Protanopia

82.7375, 85.7402, 96.9828

Deuteranopia

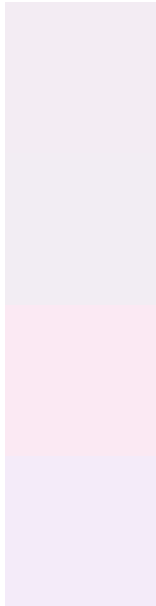
86.2743, 85.4443, 96.7393



Tritanopia

84.8086, 85.3500, 104.9328

Trichromacy



Original Color

83.1353, 85.5167, 96.9187

Protanomaly

83.0798, 85.9167, 96.9988

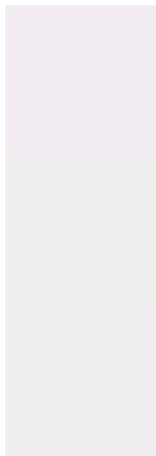
Deuteranomaly

85.1002, 85.2581, 96.7652

Tritanomaly

84.1154, 85.4893, 101.6903

Monochromacy



Original Color

83.1353, 85.5167, 96.9187

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.2379, 85.9656, 94.6967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1353, 85.5167, 96.9187 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(243, 236, 243) looks like.

```
.text, #text, p{  
    color:rgb(243, 236, 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(243, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 236, 243) }
```

Border

The CSS property to change the border of an element to XYZ 83.1353, 85.5167, 96.9187 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(243, 236, 243) }
```


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

```
.border{ border-color:rgb(243, 236, 243) }
```

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

Here you see how a box with a 4 pixel rgb(243, 236, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 236,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1353, 85.5167, 96.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 236, 243) }
```

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

```
.background{ background-color: rgb(243,  
236, 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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