

Converting Colors

XYZ(85.3375, 94.9529, 92.1302)

Have a look what the booklet for
XYZ(85.3375, 94.9529, 92.1302)
contains.

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Color

**XYZ(85.3623, 94.8863,
92.4131)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFEEB
RGB	237, 254, 235
RGB Percent	93%, 100%, 92%
CMY	0.0706, 0.0039, 0.0784
CMYK	0.07, 0.00, 0.07, 0.00
HSL	114°, 91%, 96%
HSV	114°, 7%, 100%
XYZ	85.3623, 94.8863, 92.4131
YIQ	246.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

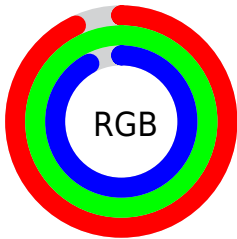
Format	Color
R_{YB}	235, 254, 252
Decimal	15597291
CIE _{Lab}	97.99, -8.92, 7.17
CIE _{LCh}	98, 11.447, 141.208
Yxy	94.8863, 0.3131, 0.3480
Android (android.graphics.Color)	4293787371 (0xFFEDFEEB)
YUV	246.7510, -5.7932, -8.5516
Hunter-Lab	97.4096, -14.0431, 11.9379

Details

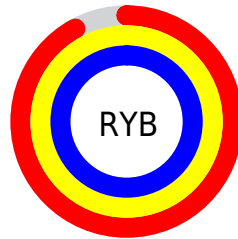
The XYZ color **85.3623, 94.8863, 92.4131** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.7463, 87.2705, 105.9909**, and the grayscale version is **88.2560, 92.8522, 101.1160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1590, 53.0109, 50.3944** is the 20% darker color. If you saturate the color by 10%, you get **74.8385, 89.8580, 74.1126**, and if you desaturate by 10%, it is **94.7336, 99.3673, 108.7945**.

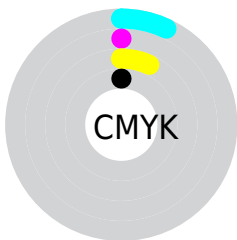
Distribution



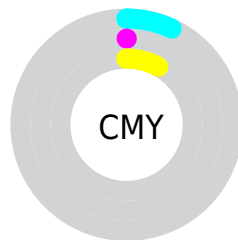
- Red (93%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3623, 94.8863, 92.4131 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 85.3623, 94.8863, 92.4131 by changing the saturation by 10% instead.


 85.3623, 94.8863,
92.4131

 85.3623, 94.8863,
92.4131


501.2918,
543.8009, 556.6211

 64.4643, 72.0403,
69.3988

139.7907,
154.1075, 152.6505

 47.2899, 53.1916,
50.5628

174.0517,
191.2516, 190.7107

 33.4738, 37.9558,
35.4865


213.4978,
233.9304, 234.6233

 22.6506, 25.9484,
23.7513

258.4944,
282.5285, 284.8068

 14.4550, 16.7850,
14.9388

309.4067,
337.4302, 341.6798

 8.5216, 10.0813,
8.6303

366.6001,

 4.4851, 5.4529,

399.0199, 405.6608

4.4073

430.4400,
467.6820, 477.1684

■ 1.9801, 2.5154,
1.8514

■ 0.6227, 0.8843,
0.4615

■ 85.3623, 94.8863,
92.4131

■ 85.3623, 94.8863,
92.4131

■ 74.8385, 89.8580,
74.1126

94.7336, 99.3673,
108.7945

■ 65.7399, 85.5037,
58.4968

■ 58.0076, 81.7985,
45.4414

■ 51.5752, 78.7111,
34.8098

■ 46.3708, 76.2078,
26.4527

■ 42.3156, 74.2513,
20.2042

■ 39.3214, 72.8005,
15.8763

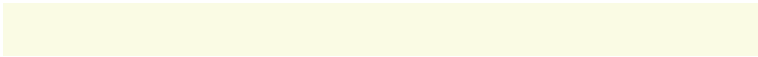
■ 37.2870, 71.8078,
13.2472

■ 36.0885, 71.2157,
12.0276

Harmonies

Analogous

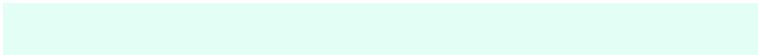
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9255, 94.8863, 87.3828



85.3623, 94.8863, 92.4131



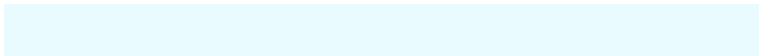
84.0997, 94.8863, 100.5803

Triad

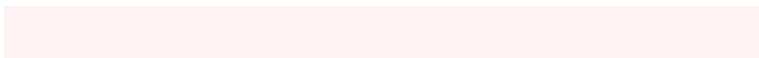
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3623, 94.8863, 92.4131



89.2266, 94.8863, 122.2017



96.1915, 94.8863, 96.9212

Complementary

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



85.3623, 94.8863, 92.4131



87.7463, 87.2705, 105.9909

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.



96.5603, 94.8863, 106.0989



85.3623, 94.8863, 92.4131



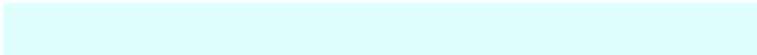
92.4861, 94.8863, 121.0750

Square

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



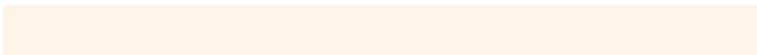
85.3623, 94.8863, 92.4131



86.2950, 94.8863, 118.0338



95.1893, 94.8863, 115.0424



94.1935, 94.8863, 89.8738

Rectangle

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



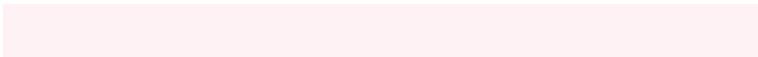
85.3623, 94.8863, 92.4131



84.1437, 94.8863, 106.8637



95.1893, 94.8863, 115.0424



96.5120, 94.8863, 99.8458

Sweetspot

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



85.3649, 94.8904, 92.4152



92.5806, 98.8206, 104.5551



90.6149, 96.5583, 92.4604



19.8419, 21.1640, 22.4246



0.0000, 0.0000, 0.0000



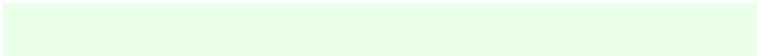
20.3446, 21.4041, 23.3091

Same Dimension

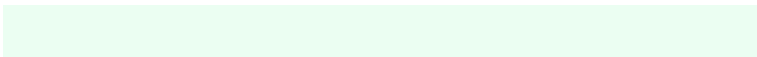
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3649, 94.8904, 92.4152



84.4172, 94.9203, 90.2534



85.7753, 94.9778, 98.0421



17.9489, 20.2596, 19.1088



18.9764, 37.5208, 6.2421



1.9033, 3.6819, 0.6104

Inverse Universe

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



87.7463, 87.2705, 105.9909



87.2778, 85.7662, 106.5622



87.3295, 87.1879, 99.9963



18.5933, 18.1976, 22.7825



26.2533, 12.4446, 50.4529



2.6080, 1.2384, 4.9148

Previews

White Background



This preview shows how the XYZ color 85.3623, 94.8863, 92.4131 looks on a white background.

Color Contrast Check

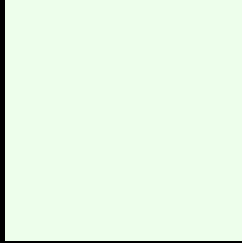
Large Text (above 18pt) WCAG AA × Fail

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 85.3623, 94.8863, 92.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

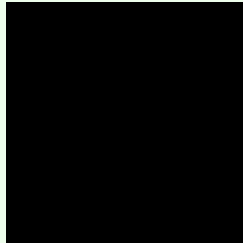
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

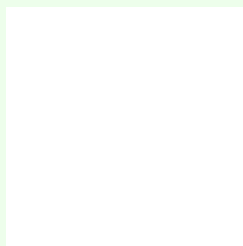
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3623, 94.8863, 92.4131

Background



This preview shows how black text looks on a background with the XYZ color 85.3623, 94.8863, 92.4131.



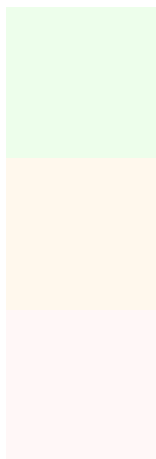
This preview shows how white text looks on a background with the XYZ color 85.3623, 94.8863,

92.4 31.

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

85.3623, 94.8863, 92.4131

Protanopia

90.0935, 94.5092, 93.6144

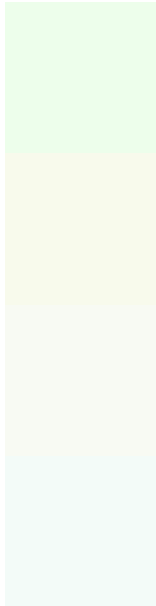
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

85.3623, 94.8863, 92.4131

Protanomaly

88.0373, 94.3838, 92.9347

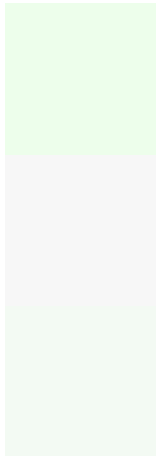
Deuteranomaly

89.0747, 94.7987, 98.3973

Tritanomaly

88.4026, 94.8264, 102.4509

Monochromacy



Original Color

85.3623, 94.8863, 92.4131

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.3254, 93.8970, 98.3154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3623, 94.8863, 92.4131 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(237, 254, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 254, 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(237, 254, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 254, 235) }
```

Border

The CSS property to change the border of an element to XYZ 85.3623, 94.8863, 92.4131 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(237, 254, 235) }
```


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

```
.border{ border-color:rgb(237, 254, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 254, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 254, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 254, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 254,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3623, 94.8863, 92.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 254, 235) }
```

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

```
.background{ background-color: rgb(237,  
254, 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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