

Converting Colors

XYZ(83.3135, 85.2715,
103.7156)

Have a look what the booklet for
XYZ(83.3135, 85.2715, 103.7156)
contains.

XYZ(83.3432, 85.4812, 103.3737)	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(83.3432, 85.4812,
103.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	F0ECFB
RGB	240, 236, 251
RGB Percent	94%, 93%, 98%
CMY	0.0588, 0.0745, 0.0157
CMYK	0.04, 0.06, 0.00, 0.02
HSL	256°, 65%, 95%
HSV	256°, 6%, 98%
XYZ	83.3432, 85.4812, 103.3737
YIQ	238.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

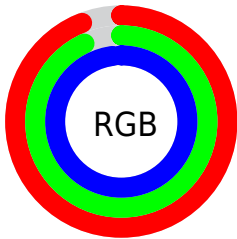
Format	Color
R_{YB}	240, 236, 251
Decimal	15789307
CIE _{Lab}	94.09, 4.05, -6.76
CIE _{LCh}	94, 7.876, 300.908
Y _{xy}	85.4812, 0.3062, 0.3140
Android (android.graphics.Color)	4293979387 (0xFFFF0ECFB)
YUV	238.9060, 5.9623, 0.9594
Hunter-Lab	92.4560, -0.8918, -1.5720

Details

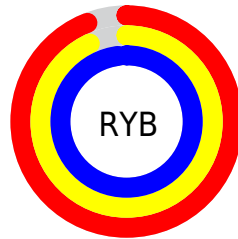
The XYZ color **83.3432, 85.4812, 103.3737** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9985, 94.8270, 93.0266**, and the grayscale version is **81.9295, 86.1962, 93.8677**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9387, 46.7730, 58.2366** is the 20% darker color. If you saturate the color by 10%, you get **70.6825, 68.9717, 100.8556**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5448**.

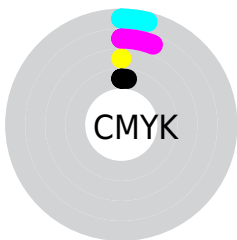
Distribution



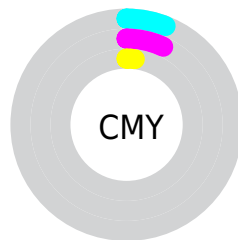
- Red (94%)
- Green (93%)
- Blue (98%)



- Red (94%)
- Yellow (93%)
- Blue (98%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.3432, 85.4812, 103.3737 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 83.3432, 85.4812, 103.3737 by changing the saturation by 10% instead.

83.3432, 85.4812,
103.3737

83.3432, 85.4812,
103.3737

494.6962,
513.2190, 592.2946

62.7912, 64.2391,
78.4885

136.9821,
141.0453, 167.8779

45.9303, 46.8443,
57.9565

170.7996,
176.1360, 208.3340

32.3952, 32.9126,
41.3592

209.7698,
216.6118, 254.8175

21.8206, 22.0595,
28.2781

254.2578,
262.8569, 307.7469

13.8410, 13.9006,
18.2945

304.6291,
315.2557, 367.5408

8.0911, 8.0516,
10.9900

361.2491,

4.2056, 4.1280,

374.1928, 434.6176

5.9460

424.4830,
440.0524, 509.3961

■ 1.8191, 1.7454,
2.7440

■ 0.5291, 0.4528,
0.9655

■ 83.3432, 85.4812,
103.3737

■ 83.3432, 85.4812,
103.3737

■ 70.6825, 68.9717,
100.8556

94.4128, 99.7451,
105.5448

■ 59.6081, 54.7226,
98.6890

■ 50.0577, 42.6373,
96.8596

■ 41.9621, 32.6079,
95.3504

■ 35.2461, 24.5170,
94.1427

■ 29.8277, 18.2350,
93.2158

■ 25.6155, 13.6162,
92.5462

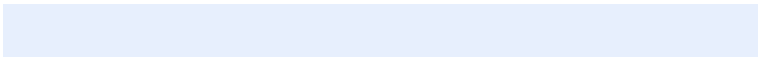
■ 22.5048, 10.4913,
92.1070

■ 20.3696, 8.6522,
91.8646

Harmonies

Analogous

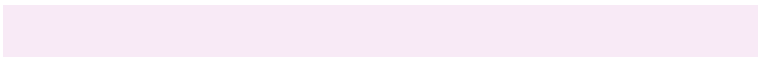
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3115, 85.4812, 105.1468



83.3432, 85.4812, 103.3737



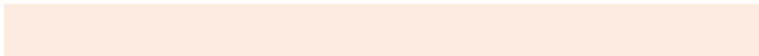
84.8341, 85.4812, 98.8224

Triad

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



83.3432, 85.4812, 103.3737



83.2303, 85.4812, 83.3124



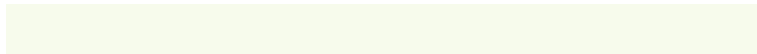
77.2689, 85.4812, 93.2583

Complementary

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



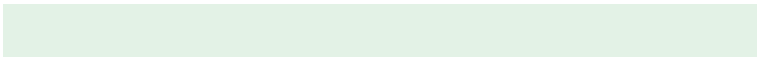
83.3432, 85.4812, 103.3737



87.9985, 94.8270, 93.0266

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.



77.7631, 85.4812, 87.5539



83.3432, 85.4812, 103.3737



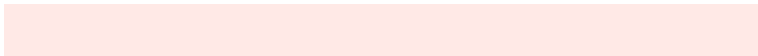
81.1832, 85.4812, 81.9635

Square

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



83.3432, 85.4812, 103.3737



84.7681, 85.4812, 87.2489



79.1869, 85.4812, 83.4831



77.8254, 85.4812, 99.1538

Rectangle

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



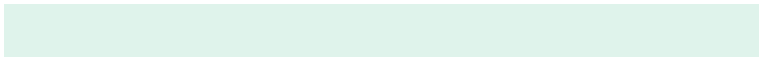
83.3432, 85.4812, 103.3737



85.3080, 85.4812, 94.9174



79.1869, 85.4812, 83.4831



77.3176, 85.4812, 91.2556

Sweetspot

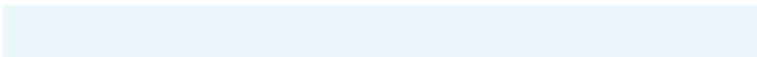
The Sweet Spot groups the original color and five complimentary colors.



83.3457, 85.4848, 103.3756



92.0816, 96.0865, 108.3011



85.3449, 91.4751, 104.4264



19.7404, 20.6075, 23.1872



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

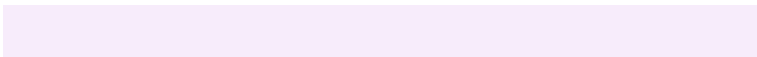
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3457, 85.4848, 103.3756



84.9636, 86.7360, 106.8714



85.8568, 86.7794, 103.4931



17.2434, 17.5552, 21.8650



10.4822, 4.3465, 48.2600



1.0667, 0.4520, 4.4742

Inverse Universe

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



86.5707, 87.2194, 100.2724



88.8611, 88.8327, 103.1056



85.4908, 93.5342, 92.9092



18.1063, 18.0194, 21.0293



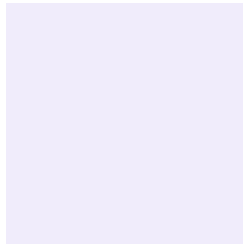
25.5295, 12.6275, 25.2945



2.4084, 1.1871, 2.5739

Previews

White Background



This preview shows how the XYZ color 83.3432, 85.4812, 103.3737 looks on a white background.

Color Contrast Check

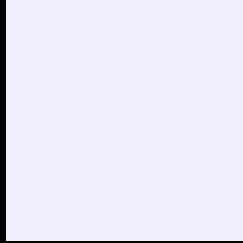
Large Text (above 18pt) WCAG AA × Fail

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 83.3432, 85.4812, 103.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

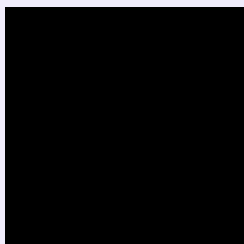
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

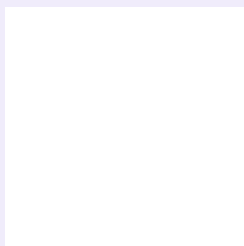
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3432, 85.4812, 103.3737

Background



This preview shows how black text looks on a background with the XYZ color 83.3432, 85.4812, 103.3737.



This preview shows how white text looks on a background with the XYZ color 83.3432, 85.4812,

103.3737.

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

83.3432, 85.4812, 103.3737

Protanopia

82.9567, 85.7106, 103.4383

Deuteranopia

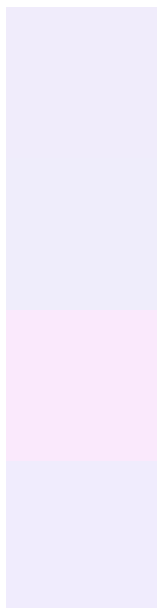
87.3866, 85.4401, 103.9813



Tritanopia

83.8200, 85.6719, 105.8845

Trichromacy



Original Color

83.3432, 85.4812, 103.3737

Protanomaly

83.2934, 85.8841, 103.4541

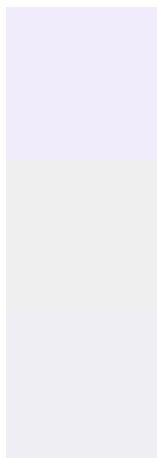
Deuteranomaly

86.1339, 85.6301, 104.0840

Tritanomaly

83.6603, 85.6080, 105.0431

Monochromacy



Original Color

83.3432, 85.4812, 103.3737

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.3488, 85.9709, 97.0478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3432, 85.4812, 103.3737 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(240, 236, 251) looks like.

```
.text, #text, p{  
    color:rgb(240, 236, 251)  
}
```

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(240, 236, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 236, 251) }
```

Border

The CSS property to change the border of an element to XYZ 83.3432, 85.4812, 103.3737 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(240, 236, 251) }
```


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

```
.border{ border-color:rgb(240, 236, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 236, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(240, 236,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3432, 85.4812, 103.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 236, 251) }
```

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

```
.background{ background-color: rgb(240,  
236, 251) }
```

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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