

Converting Colors

XYZ(83.2470, 86.2912,
103.5351)

Have a look what the booklet for
XYZ(83.2470, 86.2912, 103.5351)
contains.

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Color

**XYZ(83.2470, 86.2912,
103.5351)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEFB
RGB	238, 238, 251
RGB Percent	93%, 93%, 98%
CMY	0.0667, 0.0666, 0.0157
CMYK	0.05, 0.05, 0.00, 0.02
HSL	240°, 62%, 96%
HSV	240°, 5%, 98%
XYZ	83.2470, 86.2912, 103.5351
YIQ	239.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

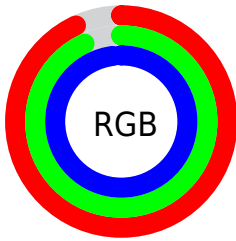
Format	Color
R _Y B	238, 238, 251
Decimal	15658747
CIE Lab	94.44, 2.37, -6.26
CIE LCh	94, 6.695, 290.709
Yxy	86.2912, 0.3049, 0.3160
Android (android.graphics.Color)	4293848827 (0xFFEEEEFB)
YUV	239.4820, 5.6784, -1.2997
Hunter-Lab	92.8931, -2.5984, -1.0573

Details

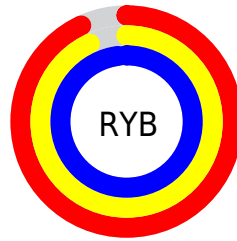
The XYZ color **83.2470, 86.2912, 103.5351** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7137, 95.6758, 94.6292**, and the grayscale version is **82.3812, 86.6715, 94.3852**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8697, 47.3411, 58.3499** is the 20% darker color. If you saturate the color by 10%, you get **68.5971, 68.6409, 100.9017**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5448**.

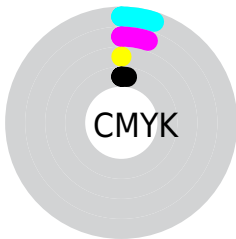
Distribution



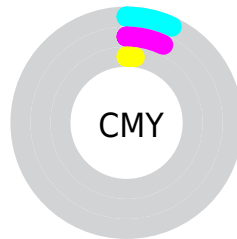
- Red (93%)
- Green (93%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.2470, 86.2912, 103.5351 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 83.2470, 86.2912, 103.5351 by changing the saturation by 10% instead.

83.2470, 86.2912,
103.5351

83.2470, 86.2912,
103.5351

494.3808,
515.8909, 592.8112

62.7115, 64.9088,
78.6228

136.8481,
142.1758, 168.1009

45.8657, 47.3871,
58.0663

170.6444,
177.4467, 208.5915

32.3440, 33.3418,
41.4469

209.5917,
218.1160, 255.1120

21.7812, 22.3884,
28.3461

254.0554,
264.5680, 308.0809

13.8119, 14.1426,
18.3454

304.4008,
317.1871, 367.9167

8.0708, 8.2199,
11.0263

360.9933,

4.1925, 4.2360,

376.3577, 435.0380

5.9701

424.1982,
442.4642, 509.8633

■ 1.8116, 1.8064,
2.7584

■ 0.5246, 0.4912,
0.9726

■ 83.2470, 86.2912,
103.5351

■ 83.2470, 86.2912,
103.5351

■ 68.5971, 68.6409,
100.9017

94.4128, 99.7451,
105.5448

■ 56.0476, 53.5205,
98.6446

■ 45.5046, 40.8173,
96.7483

■ 36.8641, 30.4062,
95.1942

■ 30.0127, 22.1506,
93.9618

■ 24.8253, 15.8996,
93.0286

■ 21.1602, 11.4828,
92.3693

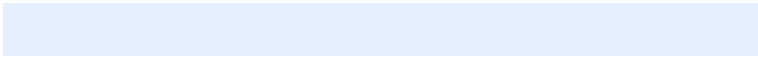
■ 18.8527, 8.7015,
91.9541

■ 17.6994, 7.3110,
91.7464

Harmonies

Analogous

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



81.4597, 86.2912, 104.0805



83.2470, 86.2912, 103.5351



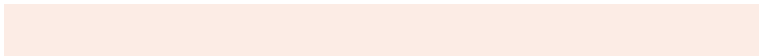
84.7247, 86.2912, 100.3733

Triad

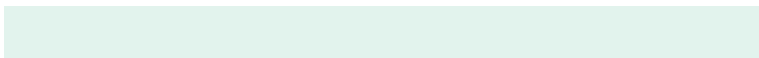
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2470, 86.2912, 103.5351



84.2282, 86.2912, 86.4930



78.6492, 86.2912, 92.3654

Complementary

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



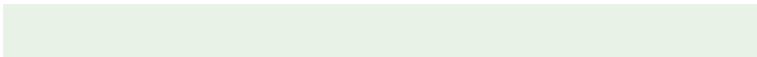
83.2470, 86.2912, 103.5351



89.7137, 95.6758, 94.6292

Split Complementary

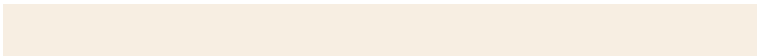
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3680, 86.2912, 87.8190



83.2470, 86.2912, 103.5351



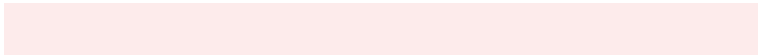
82.5772, 86.2912, 84.5112

Square

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



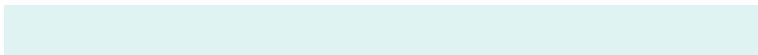
83.2470, 86.2912, 103.5351



85.2969, 86.2912, 90.4952



80.7996, 86.2912, 84.9876



78.8226, 86.2912, 97.5048

Rectangle

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



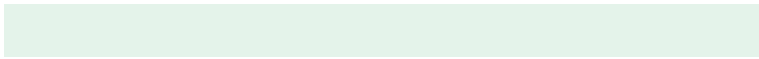
83.2470, 86.2912, 103.5351



85.3270, 86.2912, 97.2689



80.7996, 86.2912, 84.9876



78.7941, 86.2912, 90.7201

Sweetspot

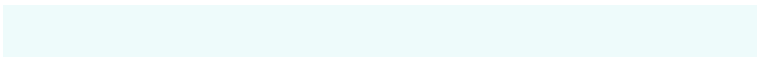
The Sweet Spot groups the original color and five complimentary colors.



83.2495, 86.2949, 103.5370



91.5935, 95.8355, 108.2783



87.1369, 94.1243, 104.6644



19.6410, 20.5563, 23.1825



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.



83.2495, 86.2949, 103.5370



84.9565, 87.8390, 107.0847



85.3952, 87.3994, 103.6371



17.1972, 17.7447, 21.9040



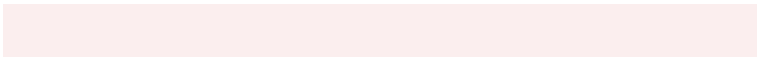
9.1533, 3.6622, 48.1980



0.8479, 0.3394, 4.4640

Inverse Universe

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



85.7928, 87.8331, 93.3249



87.9961, 89.6774, 94.8795



87.4886, 94.5304, 94.5254



17.8834, 18.1597, 19.1485



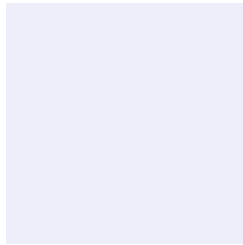
20.9122, 10.7806, 0.9802



1.9369, 0.9985, 0.0911

Previews

White Background



This preview shows how the XYZ color 83.2470, 86.2912, 103.5351 looks on a white background.

Color Contrast Check

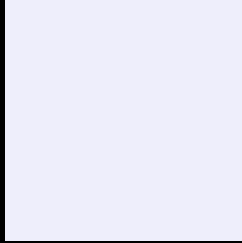
Large Text (above 18pt) WCAG AA × Fail

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 83.2470, 86.2912, 103.5351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

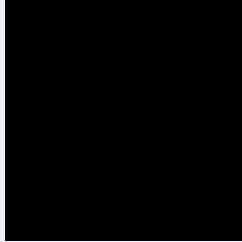
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.2470, 86.2912, 103.5351

Background



This preview shows how black text looks on a background with the XYZ color 83.2470, 86.2912, 103.5351.



This preview shows how white text looks on a background with the XYZ color 83.2470, 86.2912,

103.5351.

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

83.2470, 86.2912, 103.5351

Protanopia

83.9223, 86.6394, 103.5667

Deuteranopia

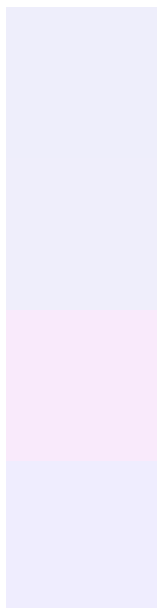
87.5092, 85.9383, 103.2423



Tritanopia

83.9308, 86.1391, 106.8106

Trichromacy



Original Color

83.2470, 86.2912, 103.5351

Protanomaly

83.5837, 86.4648, 103.5508

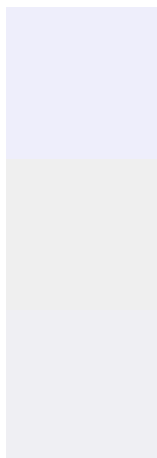
Deuteranomaly

85.9023, 85.9504, 103.3293

Tritanomaly

83.7702, 86.0749, 105.9649

Monochromacy



Original Color

83.2470, 86.2912, 103.5351

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.6408, 86.5548, 97.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2470, 86.2912, 103.5351 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(238, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 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(238, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 251) }
```

Border

The CSS property to change the border of an element to XYZ 83.2470, 86.2912, 103.5351 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(238, 238, 251) }
```


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

```
.border{ border-color:rgb(238, 238, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2470, 86.2912, 103.5351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 251) }
```

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

```
.background{ background-color: rgb(238,  
238, 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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