

Converting Colors

XYZ(86.5938, 88.1651,
112.3146)

Have a look what the booklet for
XYZ(86.5938, 88.1651, 112.3146)
contains.

XYZ(85.5345, 87.8302, 107.0525)	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(85.5345, 87.8302,
107.0525)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EFFF
RGB	242, 239, 255
RGB Percent	95%, 94%, 100%
CMY	0.0510, 0.0627, 0.0000
CMYK	0.05, 0.06, 0.00, 0.00
HSL	251°, 100%, 97%
HSV	251°, 6%, 100%
XYZ	85.5345, 87.8302, 107.0525
YIQ	241.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

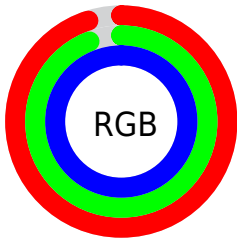
Format	Color
R_{YB}	242, 239, 255
Decimal	15921151
CIE _{Lab}	95.09, 3.90, -7.34
CIE _{LCh}	95, 8.310, 297.963
Yxy	87.8302, 0.3050, 0.3132
Android (android.graphics.Color)	4294111231 (0xFF2EFFF)
YUV	241.7210, 6.5465, 0.2447
Hunter-Lab	93.7178, -1.0924, -2.1237

Details

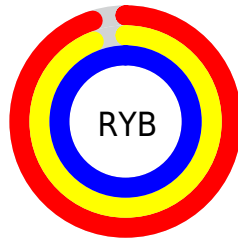
The XYZ color **85.5345, 87.8302, 107.0525** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.4869, 98.4484, 95.8461**, and the grayscale version is **84.1314, 88.5128, 96.3904**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3762, 48.3833, 60.2680** is the 20% darker color. If you saturate the color by 10%, you get **71.8757, 70.4793, 104.4234**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

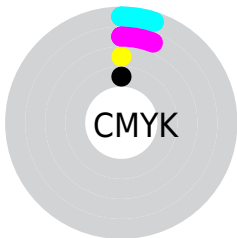
Distribution



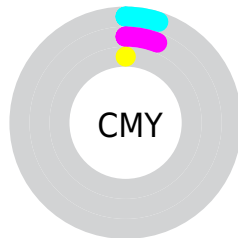
- Red (95%)
- Green (94%)
- Blue (100%)



- Red (95%)
- Yellow (94%)
- Blue (100%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5345, 87.8302, 107.0525 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 85.5345, 87.8302, 107.0525 by changing the saturation by 10% instead.

85.5345, 87.8302,
107.0525

85.5345, 87.8302,
107.0525

501.8521,
520.9470, 604.0134

64.6071, 66.1825,
81.5537

140.0299,
144.3207, 172.9518

47.4061, 48.4205,
60.4641

174.3286,
179.9323, 214.1893

33.5661, 34.1600,
43.3650

213.8151,
220.9673, 261.5102

22.7218, 23.0166,
29.8381

258.8547,
267.8101, 315.3329

14.5078, 14.6057,
19.4647

309.8129,
320.8450, 376.0761

8.5587, 8.5432,
11.8264

367.0550,

4.5093, 4.4444,

380.4566, 444.1582

6.5045

430.9462,
447.0291, 519.9978

■ 1.9941, 1.9251,
3.0805

■ 0.6306, 0.5634,
1.1359

■ 85.5345, 87.8302,
107.0525

■ 85.5345, 87.8302,
107.0525

■ 71.8757, 70.4793,
104.4234

95.0500, 100.0000,
108.9000

■ 60.0030, 55.5450,
102.1665

■ 49.8436, 42.9226,
100.2656

■ 41.3169, 32.4954,
98.7023

■ 34.3357, 24.1362,
97.4568

■ 28.8045, 17.7048,
96.5070

■ 24.6165, 13.0434,
95.8279

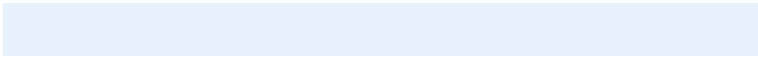
■ 21.6495, 9.9681,
95.3907

■ 19.7563, 8.2528,
95.1594

Harmonies

Analogous

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



83.3256, 87.8302, 108.6183



85.5345, 87.8302, 107.0525



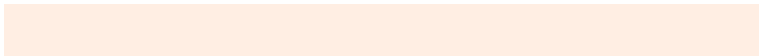
87.2186, 87.8302, 102.3879

Triad

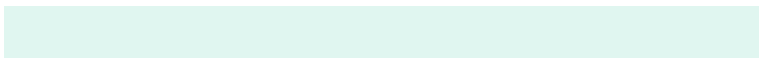
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5345, 87.8302, 107.0525



85.8067, 87.8302, 85.4641



79.2115, 87.8302, 95.1905

Complementary

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



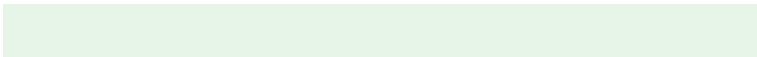
85.5345, 87.8302, 107.0525



91.4869, 98.4484, 95.8461

Split Complementary

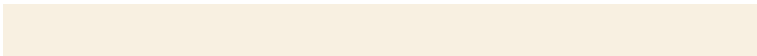
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8497, 87.8302, 89.1803



85.5345, 87.8302, 107.0525



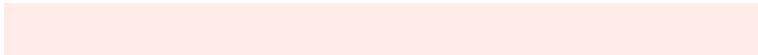
83.6345, 87.8302, 83.7247

Square

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



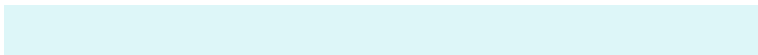
85.5345, 87.8302, 107.0525



87.3778, 87.8302, 89.9137



81.4586, 87.8302, 85.0544



79.6998, 87.8302, 101.5881

Rectangle

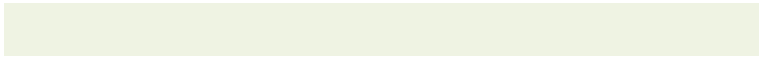
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.5345, 87.8302, 107.0525



87.8031, 87.8302, 98.2514



81.4586, 87.8302, 85.0544



79.3012, 87.8302, 93.0599

Sweetspot

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



85.5368, 87.8338, 107.0531



91.9362, 96.0115, 108.2943



88.4801, 95.2350, 108.3265



19.7108, 20.5922, 23.1858



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.



85.5368, 87.8338, 107.0531



83.0457, 84.6582, 106.5714



88.3192, 89.2682, 107.1833



17.3205, 17.5414, 22.7229



10.1532, 4.1447, 49.6994



1.0692, 0.4451, 4.8428

Inverse Universe

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



89.6793, 90.0247, 104.7481



88.2746, 87.4241, 103.6358



88.6735, 96.9980, 95.7145



18.6381, 18.2386, 21.9773



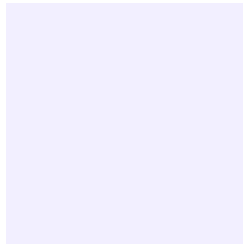
27.5003, 13.4894, 32.3487



2.7136, 1.3278, 3.3392

Previews

White Background



This preview shows how the XYZ color 85.5345, 87.8302, 107.0525 looks on a white background.

Color Contrast Check

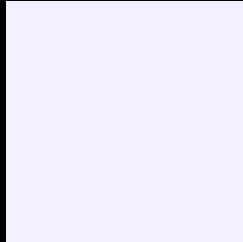
Large Text (above 18pt) WCAG AA × Fail

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 85.5345, 87.8302, 107.0525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

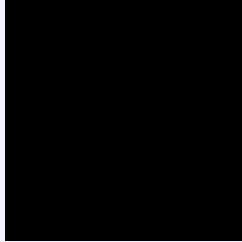
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5345, 87.8302, 107.0525

Background



This preview shows how black text looks on a background with the XYZ color 85.5345, 87.8302, 107.0525.



This preview shows how white text looks on a background with the XYZ color 85.5345, 87.8302,

107.0525.

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

85.5345, 87.8302, 107.0525

Protanopia

85.1921, 87.6538, 107.0365

Deuteranopia

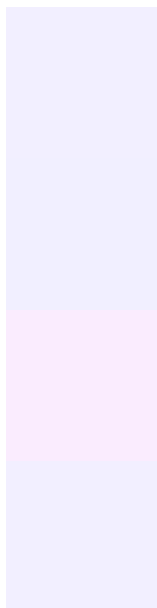
88.8377, 87.8324, 106.0370



Tritanopia

85.5345, 87.8302, 107.0525

Trichromacy



Original Color

85.5345, 87.8302, 107.0525

Protanomaly

85.1921, 87.6538, 107.0365

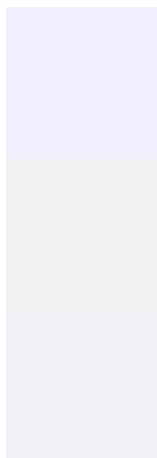
Deuteranomaly

87.3092, 87.4707, 106.0478

Tritanomaly

85.5345, 87.8302, 107.0525

Monochromacy



Original Color

85.5345, 87.8302, 107.0525

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8617, 88.5032, 100.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5345, 87.8302, 107.0525 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(242, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 239, 255)  
}
```

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(242, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.5345, 87.8302, 107.0525 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(242, 239, 255) }
```


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

```
.border{ border-color:rgb(242, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5345, 87.8302, 107.0525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 239, 255) }
```

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

```
.background{ background-color: rgb(242,  
239, 255) }
```

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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