

Converting Colors

XYZ(85.9328, 89.9675,
109.4666)

Have a look what the booklet for
XYZ(85.9328, 89.9675, 109.4666)
contains.

XYZ(85.3605, 89.4983, 107.3837)	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(85.3605, 89.4983,
107.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF3FF
RGB	238, 243, 255
RGB Percent	93%, 95%, 100%
CMY	0.0667, 0.0470, 0.0000
CMYK	0.07, 0.05, 0.00, 0.00
HSL	222°, 100%, 97%
HSV	222°, 7%, 100%
XYZ	85.3605, 89.4983, 107.3837
YIQ	242.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

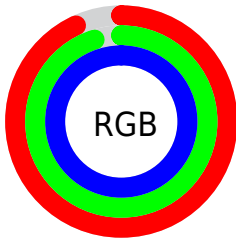
Format	Color
R _Y B	238, 242, 255
Decimal	15660031
CIE Lab	95.79, 0.56, -6.34
CIE LCh	96, 6.364, 275.016
Yxy	89.4983, 0.3024, 0.3171
Android (android.graphics.Color)	4293850111 (0xFFEEF3FF)
YUV	242.8730, 5.9786, -4.2736
Hunter-Lab	94.6035, -4.4962, -1.0771

Details

The XYZ color **85.3605, 89.4983, 107.3837** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.8575, 95.8022, 94.5935**, and the grayscale version is **85.0504, 89.4796, 97.4433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2548, 49.5629, 60.5021** is the 20% darker color. If you saturate the color by 10%, you get **72.2747, 75.1485, 105.3036**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

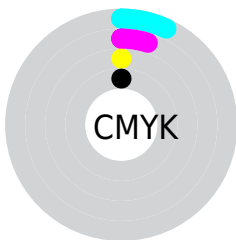
Distribution



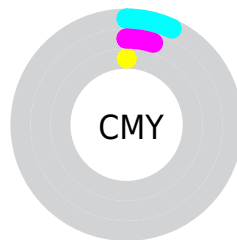
- Red (93%)
- Green (95%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3605, 89.4983, 107.3837 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 85.3605, 89.4983, 107.3837 by changing the saturation by 10% instead.

85.3605, 89.4983,
107.3837

85.3605, 89.4983,
107.3837

501.2859,
526.3975, 605.0626

64.4628, 67.5646,
81.8300

139.7882,
146.6413, 173.4077

47.2887, 49.5436,
60.6904

174.0488,
182.6194, 214.7151

33.4728, 35.0509,
43.5464

213.4945,
224.0478, 262.1108

22.6499, 23.7021,
29.9795

258.4906,
271.3108, 316.0133

14.4545, 15.1128,
19.5711

309.4024,
324.7929, 376.8412

8.5212, 8.8986,
11.9027

366.5954,

4.4848, 4.6751,

384.8785, 445.0130

6.5557

430.4347,
451.9519, 520.9473

■ 1.9799, 2.0579,
3.1116

■ 0.6226, 0.6408,
1.1519

■ 85.3605, 89.4983,
107.3837

■ 85.3605, 89.4983,
107.3837

■ 72.2747, 75.1485,
105.3036

95.0500, 100.0000,
108.9000

■ 60.8611, 62.4193,
103.4481

■ 51.0520, 51.2548,
101.8102

■ 42.7722, 41.5915,
100.3814

■ 35.9402, 33.3615,
99.1529

■ 30.4663, 26.4911,
98.1153

■ 26.2504, 20.8990,
97.2581

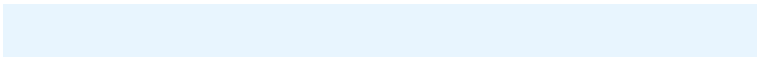
■ 23.1767, 16.4941,
96.5699

■ 21.1033, 13.1687,
96.0373

Harmonies

Analogous

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



83.6499, 89.4983, 106.4622



85.3605, 89.4983, 107.3837



87.0141, 89.4983, 105.5694

Triad

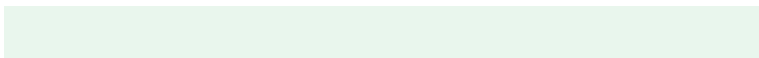
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3605, 89.4983, 107.3837



87.8557, 89.4983, 92.0140



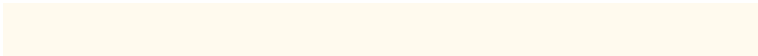
82.0469, 89.4983, 93.4282

Complementary

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



85.3605, 89.4983, 107.3837



90.8575, 95.8022, 94.5935

Split Complementary

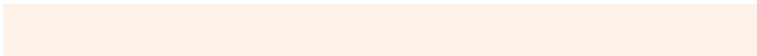
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1461, 89.4983, 89.7550



85.3605, 89.4983, 107.3837



86.4969, 89.4983, 88.9584

Square

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



85.3605, 89.4983, 107.3837



88.4673, 89.4983, 96.6068



84.7711, 89.4983, 88.1457



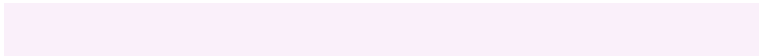
81.7520, 89.4983, 98.2949

Rectangle

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



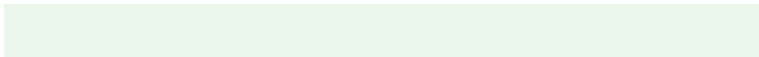
85.3605, 89.4983, 107.3837



87.8568, 89.4983, 103.0880



84.7711, 89.4983, 88.1457



82.3338, 89.4983, 92.0184

Sweetspot

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



85.3628, 89.5020, 107.3842



92.0612, 96.7708, 108.4342



88.2603, 96.5934, 104.3534



19.7362, 20.7468, 23.2143



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.



85.3628, 89.5020, 107.3842



83.5175, 87.4911, 107.0934



85.0380, 87.1418, 106.9458



17.4387, 18.2490, 22.8532



10.8601, 6.6297, 50.1419



1.1472, 0.8252, 4.9121

Inverse Universe

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



87.9936, 88.8817, 97.3165



86.6521, 86.7751, 95.0922



91.1932, 98.3141, 95.0606



18.2293, 18.0750, 19.8247



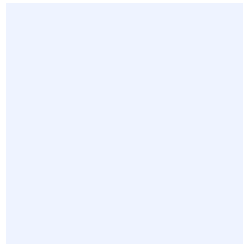
22.2699, 11.3972, 4.8055



2.2137, 1.1278, 0.7067

Previews

White Background



This preview shows how the XYZ color 85.3605, 89.4983, 107.3837 looks on a white background.

Color Contrast Check

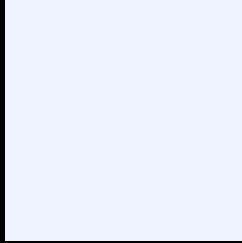
Large Text (above 18pt) WCAG AA × Fail

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 85.3605, 89.4983, 107.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

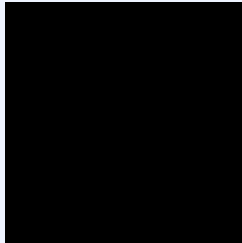
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

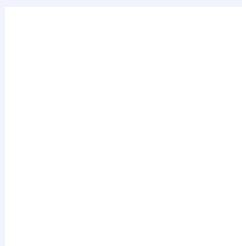
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3605, 89.4983, 107.3837

Background



This preview shows how black text looks on a background with the XYZ color 85.3605, 89.4983, 107.3837.



This preview shows how white text looks on a background with the XYZ color 85.3605, 89.4983,

107.3837.

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

85.3605, 89.4983, 107.3837

Protanopia

86.6529, 89.2994, 106.4353

Deuteranopia

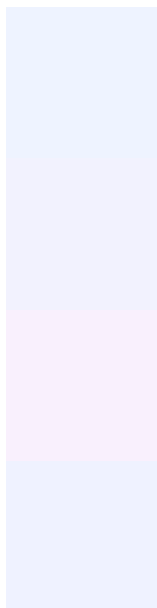
89.3852, 89.4373, 104.6475



Tritanopia

85.7373, 89.2495, 107.3158

Trichromacy



Original Color

85.3605, 89.4983, 107.3837

Protanomaly

86.2595, 89.5373, 106.5020

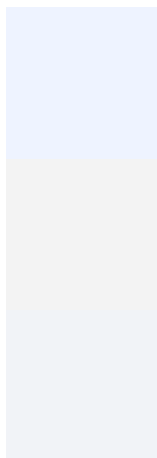
Deuteranomaly

87.9566, 89.5518, 105.5779

Tritanomaly

85.3987, 89.0750, 107.2999

Monochromacy



Original Color

85.3605, 89.4983, 107.3837

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1147, 89.5174, 100.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3605, 89.4983, 107.3837 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, 243, 255) looks like.

```
.text, #text, p{  
    color:rgb(238, 243, 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(238, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.3605, 89.4983, 107.3837 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, 243, 255) }
```


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

```
.border{ border-color:rgb(238, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3605, 89.4983, 107.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 243, 255) }
```

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

```
.background{ background-color: rgb(238,  
243, 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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