

Converting Colors

XYZ(92.9938, 88.8892,
143.7592)

Have a look what the booklet for
XYZ(92.9938, 88.8892, 143.7592)
contains.

XYZ(85.8306, 85.8398, 106.6527)	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(85.8306, 85.8398,
106.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EAF7
RGB	247, 234, 255
RGB Percent	97%, 92%, 100%
CMY	0.0314, 0.0823, 0.0000
CMYK	0.03, 0.08, 0.00, 0.00
HSL	277°, 100%, 96%
HSV	277°, 8%, 100%
XYZ	85.8306, 85.8398, 106.6527
YIQ	240.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

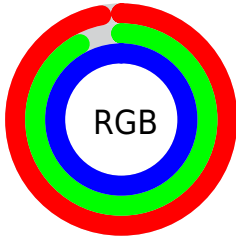
Format	Color
R_{YB}	247, 234, 255
Decimal	16247551
CIE _{Lab}	94.24, 8.10, -8.55
CIE _{LCh}	94, 11.776, 313.445
Yxy	85.8398, 0.3084, 0.3084
Android (android.graphics.Color)	4294437631 (0xFF7EAFF)
YUV	240.2810, 7.2565, 5.8926
Hunter-Lab	92.6498, 3.2250, -3.3962

Details

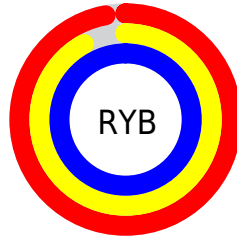
The XYZ color **85.8306, 85.8398, 106.6527** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.2314, 96.3388, 91.8439**, and the grayscale version is **82.9909, 87.3129, 95.0838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5993, 46.9944, 59.9881** is the 20% darker color. If you saturate the color by 10%, you get **75.7504, 70.6327, 104.2487**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

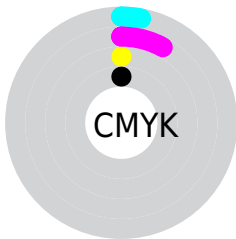
Distribution



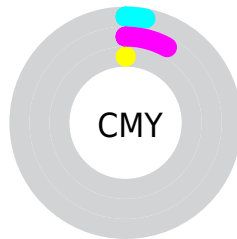
- Red (97%)
- Green (92%)
- Blue (100%)



- Red (97%)
- Yellow (92%)
- Blue (100%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8306, 85.8398, 106.6527 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 85.8306, 85.8398, 106.6527 by changing the saturation by 10% instead.


 85.8306, 85.8398,
106.6527

 85.8306, 85.8398,
106.6527


502.8148,
514.4028, 602.7456

 64.8527, 64.5355,
81.2203


140.4411,
141.5459, 172.4012

 47.6059, 47.0845,
60.1910


174.8044,
176.7165, 213.5543

 33.7249, 33.1025,
43.1463

214.3603,
217.2780, 260.7848

 22.8442, 22.2050,
29.6676

259.4740,
263.6148, 314.5111

 14.5986, 14.0076,
19.3365

310.5110,
316.1113, 375.1518

 8.6226, 8.1259,
11.7344

367.8365,

 4.5510, 4.1756,

375.1519, 443.1254

6.4428

431.8160,
441.1209, 518.8505

■ 2.0183, 1.7723,
3.0430

■ 0.6442, 0.4698,
1.1167

■ 85.8306, 85.8398,
106.6527

■ 85.8306, 85.8398,
106.6527

■ 75.7504, 70.6327,
104.2487

95.0500, 100.0000,
108.9000

■ 66.8441, 57.5135,
102.1859

■ 59.0636, 46.3889,
100.4487

■ 52.3547, 37.1547,
99.0199

■ 46.6581, 29.6967,
97.8806

■ 41.9082, 23.8880,
97.0098

■ 38.0305, 19.5843,
96.3835

■ 34.9377, 16.6153,
95.9734

■ 32.5102, 14.7471,
95.7407

Harmonies

Analogous

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



83.0066, 85.8398, 111.3983



85.8306, 85.8398, 106.6527



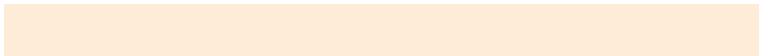
87.5414, 85.8398, 98.5025

Triad

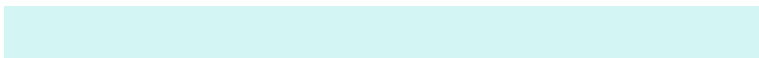
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8306, 85.8398, 106.6527



83.3287, 85.8398, 77.7832



75.8300, 85.8398, 97.5624

Complementary

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



85.8306, 85.8398, 106.6527



87.2314, 96.3388, 91.8439

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.



75.9111, 85.8398, 88.6022



85.8306, 85.8398, 106.6527



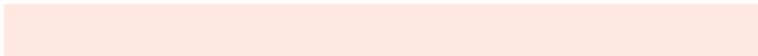
80.1860, 85.8398, 77.5675

Square

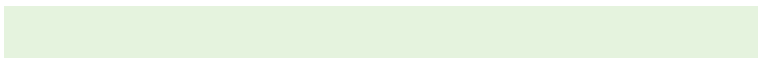
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



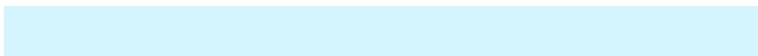
85.8306, 85.8398, 106.6527



86.0716, 85.8398, 82.0213



77.4879, 85.8398, 81.4118



77.2632, 85.8398, 105.9264

Rectangle

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



85.8306, 85.8398, 106.6527



87.7937, 85.8398, 92.4250



77.4879, 85.8398, 81.4118



75.6822, 85.8398, 94.5127

Sweetspot

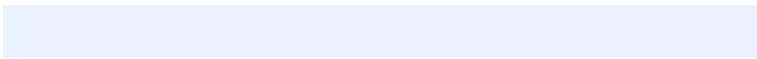
The Sweet Spot groups the original color and five complimentary colors.



85.8329, 85.8434, 106.6533



92.7333, 96.4224, 108.3316



83.7516, 88.2495, 107.2274



19.8731, 20.6759, 23.1934



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.



85.8329, 85.8434, 106.6533



83.9637, 82.9996, 106.2029



88.3225, 87.1721, 104.7245



18.0831, 17.9345, 22.7586



16.9558, 7.6515, 50.0178



1.7727, 0.8078, 4.8758

Inverse Universe

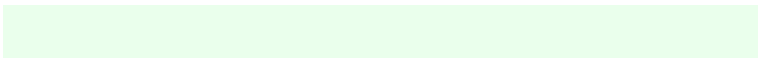
The Inverse Universe completely reimagines the original color for something new.



86.6920, 86.5199, 96.1383



85.0096, 83.8204, 93.5262



84.9001, 95.0960, 93.5846



18.2957, 18.1016, 20.1743



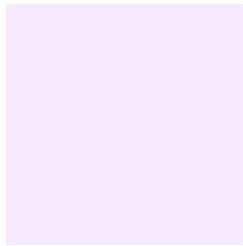
22.7468, 11.5880, 7.3169



2.2660, 1.1488, 0.9822

Previews

White Background



This preview shows how the XYZ color 85.8306, 85.8398, 106.6527 looks on a white background.

Color Contrast Check

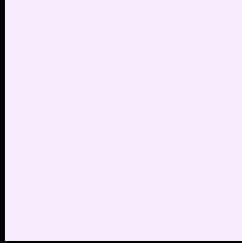
Large Text (above 18pt) WCAG AA × Fail

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 85.8306, 85.8398, 106.6527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

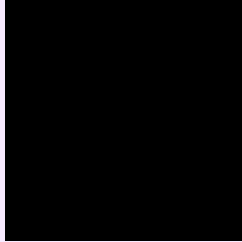
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

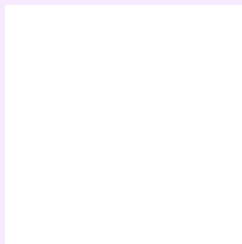
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8306, 85.8398, 106.6527

Background



This preview shows how black text looks on a background with the XYZ color 85.8306, 85.8398, 106.6527.



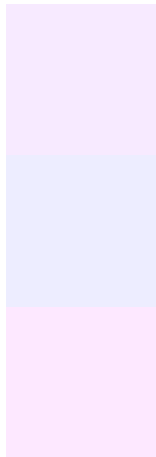
This preview shows how white text looks on a background with the XYZ color 85.8306, 85.8398,

106.6527.

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

85.8306, 85.8398, 106.6527

Protanopia

83.2592, 85.7929, 106.7792

Deuteranopia

87.4146, 85.8159, 106.5646



Tritanopia

85.5102, 85.7116, 104.9656

Trichromacy



Original Color

85.8306, 85.8398, 106.6527

Protanomaly

84.3211, 85.9117, 106.7462

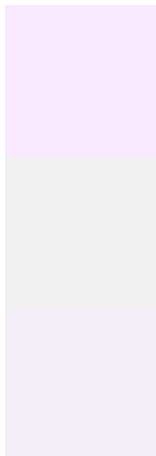
Deuteranomaly

86.9726, 86.0071, 106.6248

Tritanomaly

85.6700, 85.7756, 105.8070

Monochromacy



Original Color

85.8306, 85.8398, 106.6527

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

84.0181, 86.7963, 98.7113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8306, 85.8398, 106.6527 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(247, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 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(247, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.8306, 85.8398, 106.6527 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(247, 234, 255) }
```


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

```
.border{ border-color:rgb(247, 234, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8306, 85.8398, 106.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 255) }
```

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

```
.background{ background-color: rgb(247,  
234, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor