

Converting Colors

XYZ(85.2561, 88.7902,
101.4409)

Have a look what the booklet for
XYZ(85.2561, 88.7902, 101.4409)
contains.

XYZ(85.3607, 88.7426, 101.4370)	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(85.3607, 88.7426,
101.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F1F8
RGB	243, 241, 248
RGB Percent	95%, 95%, 97%
CMY	0.0471, 0.0549, 0.0274
CMYK	0.02, 0.03, 0.00, 0.03
HSL	257°, 33%, 96%
HSV	257°, 3%, 97%
XYZ	85.3607, 88.7426, 101.4370
YIQ	242.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

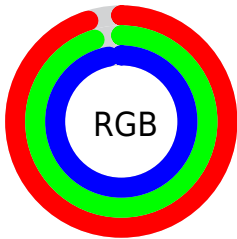
Format	Color
R_{YB}	243, 241, 248
Decimal	15987192
CIE _{Lab}	95.47, 1.92, -3.14
CIE _{LCh}	95, 3.678, 301.415
Yxy	88.7426, 0.3098, 0.3221
Android (android.graphics.Color)	4294177272 (0xFFFF3F1F8)
YUV	242.3960, 2.7628, 0.5297
Hunter-Lab	94.2033, -3.1110, 2.0995

Details

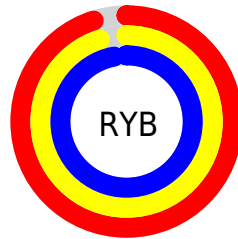
The XYZ color **85.3607, 88.7426, 101.4370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.4541, 93.0809, 96.5807**, and the grayscale version is **84.6933, 89.1040, 97.0342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3569, 49.0685, 56.8444** is the 20% darker color. If you saturate the color by 10%, you get **72.6897, 72.0466, 98.8835**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0734**.

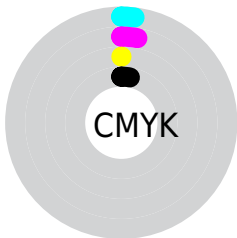
Distribution



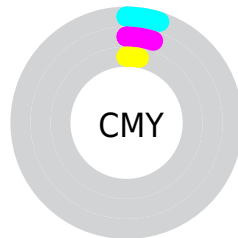
- Red (95%)
- Green (95%)
- Blue (97%)



- Red (95%)
- Yellow (95%)
- Blue (97%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3607, 88.7426, 101.4370 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 85.3607, 88.7426, 101.4370 by changing the saturation by 10% instead.

85.3607, 88.7426,
101.4370

85.3607, 88.7426,
101.4370

501.2866,
523.9320, 586.0760

64.4630, 66.9382,
76.8776

139.7884,
145.5906, 165.1996

47.2888, 49.0344,
56.6415

174.0492,
181.4030, 205.2399

33.4729, 34.6468,
40.3100

213.4949,
222.6535, 251.2776

22.6500, 23.3909,
27.4647

258.4910,
269.7266, 303.7313

14.4545, 14.8824,
17.6870

309.4029,
323.0066, 363.0194

8.5213, 8.7369,
10.5584

366.5959,

4.4849, 4.5700,

382.8779, 429.5606

5.6603

430.4353,
449.7249, 503.7733

■ 1.9799, 1.9972,
2.5742

■ 0.6227, 0.6059,
0.8791

■ 85.3607, 88.7426,
101.4370

■ 85.3607, 88.7426,
101.4370

■ 72.6897, 72.0466,
98.8835

■ 93.9435, 99.5574,
103.0734

■ 61.5494, 57.5611,
96.6747

■ 51.8819, 45.1952,
94.7974

■ 43.6231, 34.8476,
93.2354

■ 36.7036, 26.4082,
91.9711

■ 31.0479, 19.7562,
90.9852

■ 26.5724, 14.7567,
90.2561

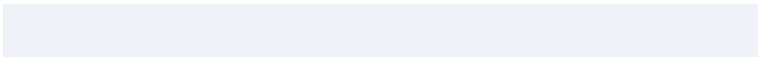
■ 23.1825, 11.2549,
89.7589

■ 20.7661, 9.0644,
89.4634

Harmonies

Analogous

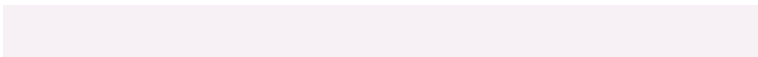
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3950, 88.7426, 102.2774



85.3607, 88.7426, 101.4370



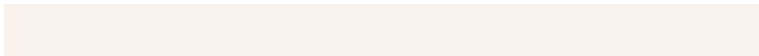
86.0593, 88.7426, 99.3039

Triad

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



85.3607, 88.7426, 101.4370



85.2773, 88.7426, 91.8364



82.4258, 88.7426, 96.7626

Complementary

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



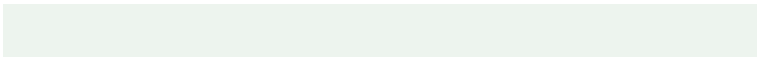
85.3607, 88.7426, 101.4370



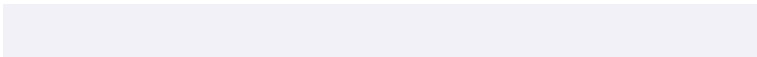
87.4541, 93.0809, 96.5807

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.



82.6579, 88.7426, 93.9959



85.3607, 88.7426, 101.4370



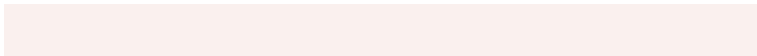
84.2994, 88.7426, 91.1860

Square

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



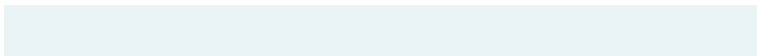
85.3607, 88.7426, 101.4370



86.0109, 88.7426, 93.7632



83.3417, 88.7426, 91.9688



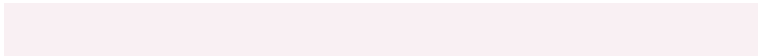
82.7051, 88.7426, 99.5456

Rectangle

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



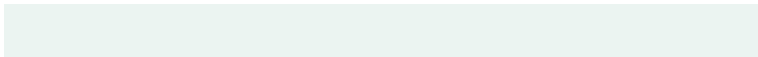
85.3607, 88.7426, 101.4370



86.2768, 88.7426, 97.4560



83.3417, 88.7426, 91.9688



82.4466, 88.7426, 95.7999

Sweetspot

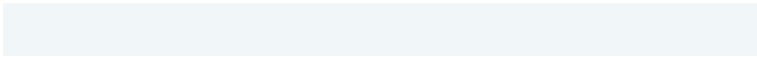
The Sweet Spot groups the original color and five complimentary colors.



85.3632, 88.7464, 101.4389



93.5746, 98.0398, 108.5994



86.1828, 91.4026, 101.9084



20.0444, 21.0052, 23.2479



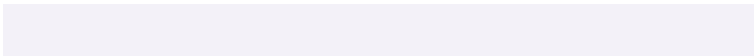
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

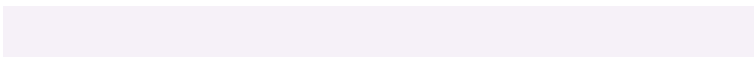
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3632, 88.7464, 101.4389



90.6749, 94.1935, 108.0098



86.5773, 89.3722, 101.4958



18.3474, 18.9931, 22.0843



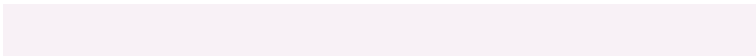
10.6651, 4.4408, 48.2686



1.0872, 0.4625, 4.4752

Inverse Universe

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



86.8045, 89.5250, 99.8984



92.3085, 95.0760, 106.2625



86.2432, 92.4567, 96.5240



18.7689, 19.2208, 21.6321



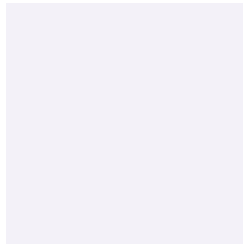
25.2757, 12.5260, 23.9581



2.3866, 1.1784, 2.4590

Previews

White Background



This preview shows how the XYZ color 85.3607, 88.7426, 101.4370 looks on a white background.

Color Contrast Check

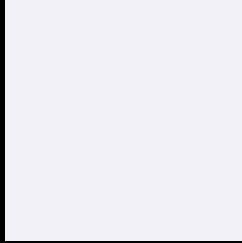
Large Text (above 18pt) WCAG AA × Fail

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 85.3607, 88.7426, 101.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

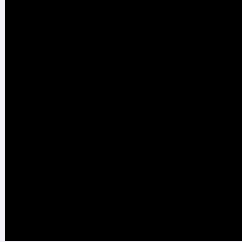
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

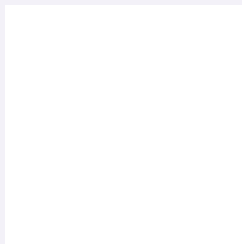
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3607, 88.7426, 101.4370

Background



This preview shows how black text looks on a background with the XYZ color 85.3607, 88.7426, 101.4370.



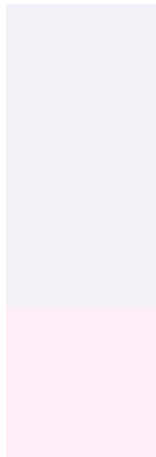
This preview shows how white text looks on a background with the XYZ color 85.3607, 88.7426,

101.4370.

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

85.3607, 88.7426, 101.4370

Protanopia

85.7068, 88.9210, 101.4532

Deuteranopia

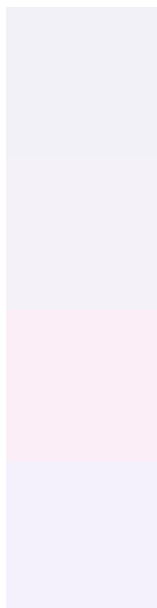
88.3127, 88.5438, 100.4318



Tritanopia

86.5183, 88.7733, 107.1827

Trichromacy



Original Color

85.3607, 88.7426, 101.4370

Protanomaly

85.7068, 88.9210, 101.4532

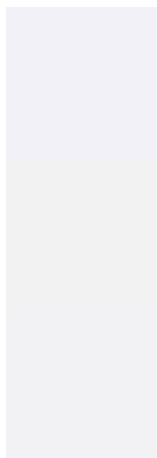
Deuteranomaly

87.1467, 88.3737, 100.4604

Tritanomaly

86.0390, 88.5815, 104.6587

Monochromacy



Original Color

85.3607, 88.7426, 101.4370

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6992, 88.9132, 98.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3607, 88.7426, 101.4370 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(243, 241, 248) looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 248)  
}
```

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(243, 241, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.3607, 88.7426, 101.4370 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(243, 241, 248) }
```


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

```
.border{ border-color:rgb(243, 241, 248) }
```

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

Here you see how a box with a 4 pixel rgb(243, 241, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3607, 88.7426, 101.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 248) }
```

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

```
.background{ background-color: rgb(243,  
241, 248) }
```

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