

Converting Colors

XYZ(85.3416, 86.6913,
102.3055)

Have a look what the booklet for
XYZ(85.3416, 86.6913, 102.3055)
contains.

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Color

**XYZ(85.2568, 86.4859,
102.6424)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ECFA
RGB	246, 236, 250
RGB Percent	96%, 93%, 98%
CMY	0.0353, 0.0745, 0.0196
CMYK	0.02, 0.06, 0.00, 0.02
HSL	283°, 58%, 95%
HSV	283°, 6%, 98%
XYZ	85.2568, 86.4859, 102.6424
YIQ	240.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

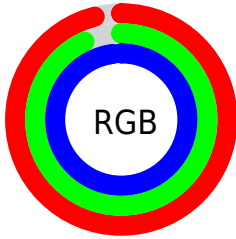
Format	Color
R _{YB}	246, 236, 250
Decimal	16182522
CIE Lab	94.52, 5.83, -5.55
CIE LCh	95, 8.050, 316.392
Yxy	86.4859, 0.3107, 0.3152
Android (android.graphics.Color)	4294372602 (0xFFFF6ECFA)
YUV	240.5860, 4.6411, 4.7481
Hunter-Lab	92.9978, 0.8958, -0.3404

Details

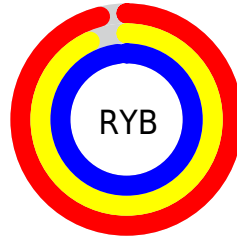
The XYZ color **85.2568, 86.4859, 102.6424** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2644, 92.9549, 92.8095**, and the grayscale version is **83.2498, 87.5853, 95.3804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2941, 47.4847, 57.7117** is the 20% darker color. If you saturate the color by 10%, you get **76.0995, 71.8194, 100.2954**, and if you desaturate by 10%, it is **93.5770, 99.3324, 104.6848**.

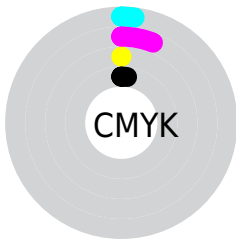
Distribution



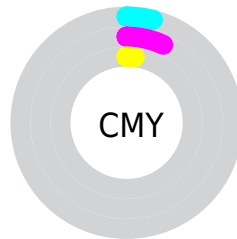
- Red (96%)
- Green (93%)
- Blue (98%)



- Red (96%)
- Yellow (93%)
- Blue (98%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2568, 86.4859, 102.6424 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 85.2568, 86.4859, 102.6424 by changing the saturation by 10% instead.

85.2568, 86.4859,
102.6424

85.2568, 86.4859,
102.6424

500.9483,
516.5320, 589.9505

64.3768, 65.0698,
77.8800

139.6441,
142.4474, 166.8672

47.2187, 47.5177,
57.4595

173.8821,
177.7615, 207.1666

33.4173, 33.4451,
40.9625

213.3034,
218.4772, 253.4822

22.6071, 22.4677,
27.9703

258.2735,
264.9788, 306.2324

14.4227, 14.2009,
18.0644

309.1577,
317.6507, 365.8358

8.4989, 8.2605,
10.8263

366.3213,

4.4703, 4.2621,

376.8773, 432.7109

5.8375

430.1297,
443.0429, 507.2763

■ 1.9715, 1.8212,
2.6793

■ 0.6179, 0.5004,
0.9330

■ 85.2568, 86.4859,
102.6424

■ 85.2568, 86.4859,
102.6424

■ 76.0995, 71.8194,
100.2954

■ 93.5770, 99.3324,
104.6848

■ 68.0008, 59.1299,
98.2730

■ 94.2556, 99.6822,
104.7166

■ 60.9178, 48.3318,
96.5620

■ 54.8012, 39.3284,
95.1466

■ 49.5977, 32.0145,
94.0091

■ 45.2482, 26.2736,
93.1302

■ 41.6860, 21.9742,
92.4881

■ 38.8336, 18.9628,
92.0572

■ 36.5951, 17.0499,
91.8059

Harmonies

Analogous

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



83.3839, 86.4859, 106.0886



85.2568, 86.4859, 102.6424



86.3195, 86.4859, 97.0045

Triad

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



85.2568, 86.4859, 102.6424



83.1866, 86.4859, 83.0383



78.2688, 86.4859, 97.5769

Complementary

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



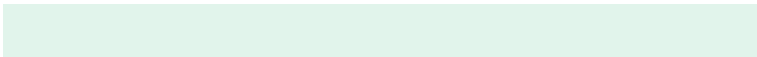
85.2568, 86.4859, 102.6424



85.2644, 92.9549, 92.8095

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.



78.2181, 86.4859, 91.3883



85.2568, 86.4859, 102.6424



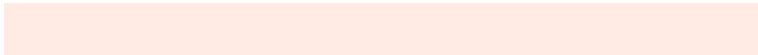
81.0318, 86.4859, 83.1764

Square

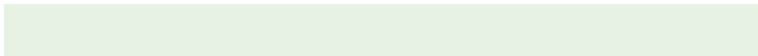
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2568, 86.4859, 102.6424



85.1102, 86.4859, 85.7883



79.2216, 86.4859, 86.1742



79.3613, 86.4859, 103.0773

Rectangle

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



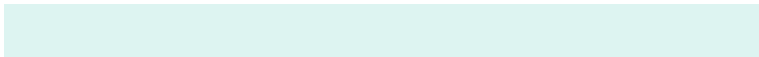
85.2568, 86.4859, 102.6424



86.4136, 86.4859, 92.8459



79.2216, 86.4859, 86.1742



78.1300, 86.4859, 95.5034

Sweetspot

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



85.2593, 86.4896, 102.6443



92.9103, 96.5137, 108.3398



83.0699, 87.1768, 102.8923



19.9091, 20.6944, 23.1951



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.



85.2593, 86.4896, 102.6443



87.7656, 88.1805, 107.0025



86.2418, 87.0465, 100.4158



17.8632, 17.8747, 21.8940



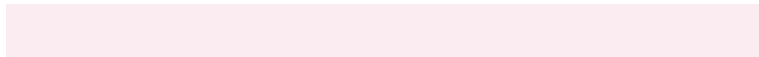
19.1075, 8.7929, 48.6637



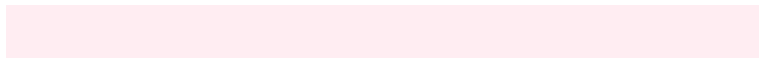
1.8740, 0.8681, 4.5120

Inverse Universe

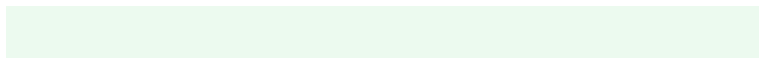
The Inverse Universe completely reimagines the original color for something new.



85.1511, 86.6102, 94.6721



87.6325, 88.3412, 96.6354



84.3313, 92.4265, 94.9057



17.8344, 17.9107, 19.5978



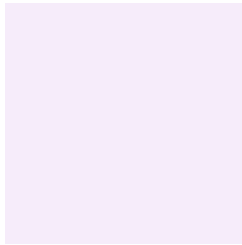
21.5761, 11.0462, 4.4764



2.0419, 1.0405, 0.6439

Previews

White Background



This preview shows how the XYZ color 85.2568, 86.4859, 102.6424 looks on a white background.

Color Contrast Check

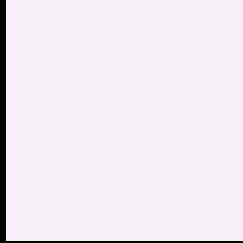
Large Text (above 18pt) WCAG AA × Fail

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 85.2568, 86.4859, 102.6424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

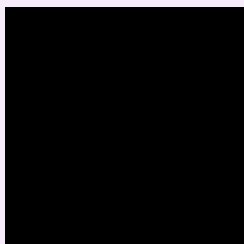
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

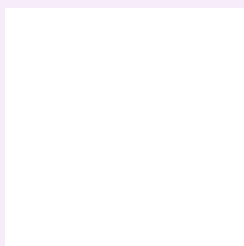
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2568, 86.4859, 102.6424

Background



This preview shows how black text looks on a background with the XYZ color 85.2568, 86.4859, 102.6424.



This preview shows how white text looks on a background with the XYZ color 85.2568, 86.4859,

102.6424.

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

85.2568, 86.4859, 102.6424

Protanopia

83.9223, 86.6394, 103.5667

Deuteranopia

87.4778, 86.3774, 101.6845



Tritanopia

85.9555, 86.3466, 105.9021

Trichromacy



Original Color

85.2568, 86.4859, 102.6424

Protanomaly

84.3147, 86.4107, 103.5018

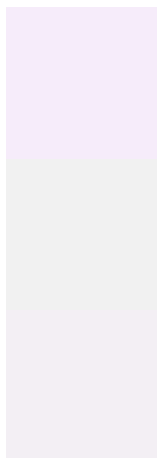
Deuteranomaly

86.6666, 86.3806, 101.7278

Tritanomaly

85.7957, 86.2827, 105.0608

Monochromacy



Original Color

85.2568, 86.4859, 102.6424

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.1578, 87.3193, 98.0067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2568, 86.4859, 102.6424 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(246, 236, 250) looks like.

```
.text, #text, p{  
    color:rgb(246, 236, 250)  
}
```

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(246, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 236, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.2568, 86.4859, 102.6424 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(246, 236, 250) }
```


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

```
.border{ border-color:rgb(246, 236, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 236,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2568, 86.4859, 102.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 236, 250) }
```

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

```
.background{ background-color: rgb(246,  
236, 250) }
```

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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