

Converting Colors

XYZ(98.9234, 90.5247,
176.1515)

Have a look what the booklet for
XYZ(98.9234, 90.5247, 176.1515)
contains.

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Color

**XYZ(85.9003, 85.4543,
106.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E9FF
RGB	248, 233, 255
RGB Percent	97%, 91%, 100%
CMY	0.0274, 0.0863, 0.0000
CMYK	0.03, 0.09, 0.00, 0.00
HSL	281°, 100%, 96%
HSV	281°, 9%, 100%
XYZ	85.9003, 85.4543, 106.5746
YIQ	239.9930, 1.8780, 10.0220

Conversions

Conversions Part 2

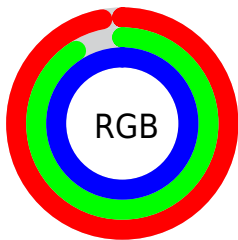
Format	Color
R_{YB}	248, 233, 255
Decimal	16312831
CIE _{Lab}	94.08, 8.94, -8.79
CIE _{LCh}	94, 12.535, 315.500
Y _{xy}	85.4543, 0.3091, 0.3075
Android (android.graphics.Color)	4294502911 (0xFFFF8E9FF)
YUV	239.9930, 7.3985, 7.0221
Hunter-Lab	92.4415, 4.0967, -3.6456

Details

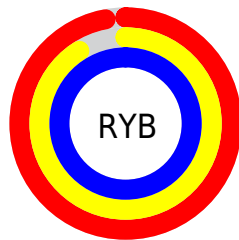
The XYZ color **85.9003, 85.4543, 106.5746** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4054, 95.9295, 91.0573**, and the grayscale version is **82.7639, 87.0741, 94.8237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6534, 46.7280, 59.9339** is the 20% darker color. If you saturate the color by 10%, you get **76.3827, 70.5968, 104.2085**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

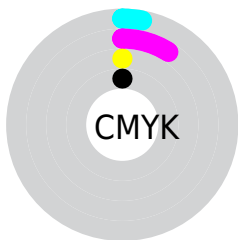
Distribution



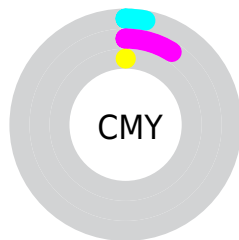
- Red (97%)
- Green (91%)
- Blue (100%)



- Red (97%)
- Yellow (91%)
- Blue (100%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9003, 85.4543, 106.5746 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 85.9003, 85.4543, 106.5746 by changing the saturation by 10% instead.


 85.9003, 85.4543,
106.5746

 85.9003, 85.4543,
106.5746


503.0413,
513.1301, 602.4978

 64.9105, 64.2168,
81.1551


140.5379,
141.0077, 172.2936

 47.6530, 46.8263,
60.1376


174.9164,
176.0925, 213.4303

 33.7623, 32.8984,
43.1035

214.4886,
216.5617, 260.6430

 22.8730, 22.0486,
29.6344

259.6197,
262.8000, 314.3505

 14.6200, 13.8926,
19.3115

310.6752,
315.1915, 374.9711

 8.6377, 8.0460,
11.7165

368.0204,

 4.5608, 4.1244,

374.1208, 442.9236

6.4308

432.0207,
439.9722, 518.6263

■ 2.0240, 1.7434,
3.0357

■ 0.6474, 0.4515,
1.1129

■ 85.9003, 85.4543,
106.5746

■ 85.9003, 85.4543,
106.5746

■ 76.3827, 70.5968,
104.2085

95.0500, 100.0000,
108.9000

■ 67.9846, 57.7963,
102.1804

■ 60.6589, 46.9601,
100.4749

■ 54.3522, 37.9841,
99.0747

■ 49.0065, 30.7543,
97.9610

■ 44.5571, 25.1440,
97.1126

■ 40.9304, 21.0087,
96.5056

■ 38.0398, 18.1775,
96.1114

■ 35.7623, 16.4075,
95.8898

Harmonies

Analogous

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



82.9543, 85.4543, 111.9655



85.9003, 85.4543, 106.5746



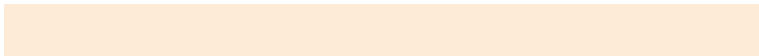
87.6149, 85.4543, 97.7379

Triad

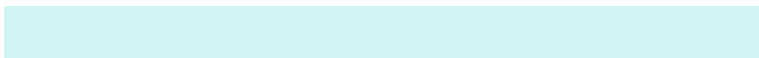
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9003, 85.4543, 106.5746



82.8442, 85.4543, 76.3133



75.1751, 85.4543, 98.0597

Complementary

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



85.9003, 85.4543, 106.5746



86.4054, 95.9295, 91.0573

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.



75.1475, 85.4543, 88.5052



85.9003, 85.4543, 106.5746



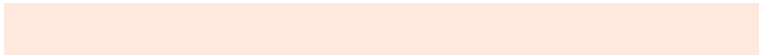
79.5135, 85.4543, 76.3863

Square

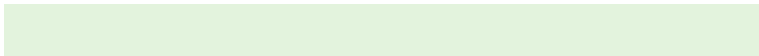
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



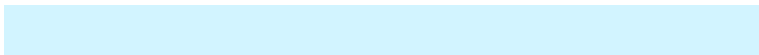
85.9003, 85.4543, 106.5746



85.8178, 85.4543, 80.5053



76.7162, 85.4543, 80.7122



76.7928, 85.4543, 106.8241

Rectangle

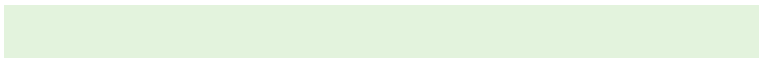
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9003, 85.4543, 106.5746



87.7995, 85.4543, 91.2892



76.7162, 85.4543, 80.7122



74.9810, 85.4543, 94.8236

Sweetspot

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



85.9026, 85.4579, 106.5752



91.7680, 94.7571, 108.0610



82.9156, 87.0635, 107.0426



19.4583, 19.9892, 23.0827



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.



85.9026, 85.4579, 106.5752



84.5255, 83.2892, 106.2292



87.8459, 86.5272, 103.6148



18.1976, 17.9936, 22.7639



18.6984, 8.5499, 50.0994



1.9342, 0.8910, 4.8833

Inverse Universe

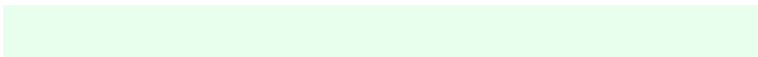
The Inverse Universe completely reimagines the original color for something new.



86.1093, 85.8326, 94.4701



84.7738, 83.7261, 92.2844



84.6042, 94.9398, 93.7354



18.2475, 18.0823, 19.9205



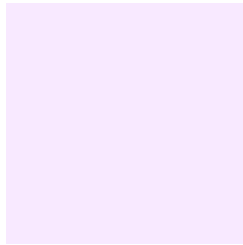
22.3871, 11.4441, 5.4232



2.2269, 1.1332, 0.7765

Previews

White Background



This preview shows how the XYZ color 85.9003, 85.4543, 106.5746 looks on a white background.

Color Contrast Check

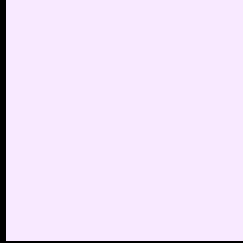
Large Text (above 18pt) WCAG AA × Fail

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 85.9003, 85.4543, 106.5746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

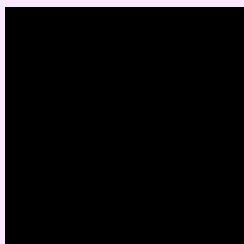
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

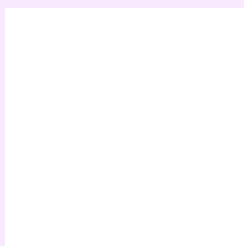
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9003, 85.4543, 106.5746

Background



This preview shows how black text looks on a background with the XYZ color 85.9003, 85.4543, 106.5746.



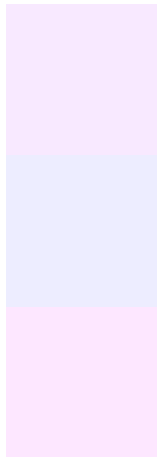
This preview shows how white text looks on a background with the XYZ color 85.9003, 85.4543,

106.5746.

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

85.9003, 85.4543, 106.5746

Protanopia

83.2592, 85.7929, 106.7792

Deuteranopia

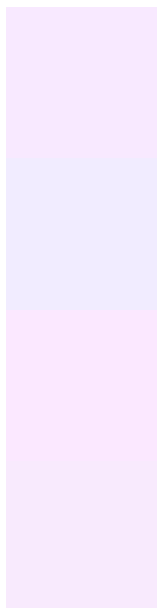
87.1339, 85.2545, 106.4710



Tritanopia

85.7049, 85.8304, 104.1452

Trichromacy



Original Color

85.9003, 85.4543, 106.5746

Protanomaly

84.3211, 85.9117, 106.7462

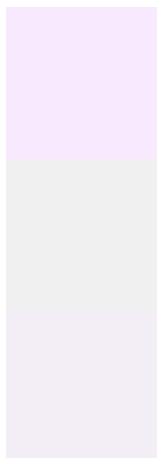
Deuteranomaly

86.6903, 85.4425, 106.5307

Tritanomaly

85.8638, 85.8939, 104.9822

Monochromacy



Original Color

85.9003, 85.4543, 106.5746

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.7278, 86.2156, 98.6146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9003, 85.4543, 106.5746 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(248, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 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(248, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.9003, 85.4543, 106.5746 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(248, 233, 255) }
```


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

```
.border{ border-color:rgb(248, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9003, 85.4543, 106.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 255) }
```

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

```
.background{ background-color: rgb(248,  
233, 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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