

Converting Colors

XYZ(85.1290, 85.4781,
106.6199)

Have a look what the booklet for
XYZ(85.1290, 85.4781, 106.6199)
contains.

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Color

**XYZ(85.1290, 85.4781,
106.6199)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EAFF
RGB	245, 234, 255
RGB Percent	96%, 92%, 100%
CMY	0.0392, 0.0823, 0.0000
CMYK	0.04, 0.08, 0.00, 0.00
HSL	271°, 100%, 96%
HSV	271°, 8%, 100%
XYZ	85.1290, 85.4781, 106.6199
YIQ	239.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

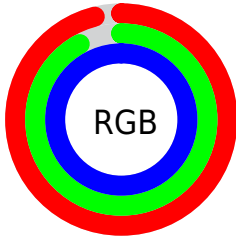
Format	Color
R _Y B	245, 234, 255
Decimal	16116479
CIE Lab	94.09, 7.45, -8.80
CIE LCh	94, 11.524, 310.245
Yxy	85.4781, 0.3071, 0.3083
Android (android.graphics.Color)	4294306559 (0xFF5EAFF)
YUV	239.6830, 7.5513, 4.6630
Hunter-Lab	92.4544, 2.5619, -3.6561

Details

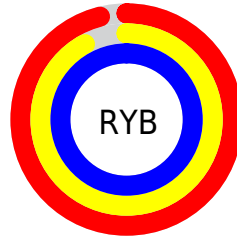
The XYZ color **85.1290, 85.4781, 106.6199** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9216, 96.6946, 91.8761**, and the grayscale version is **82.5216, 86.8192, 94.5461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0997, 46.7368, 59.9648** is the 20% darker color. If you saturate the color by 10%, you get **74.2873, 69.8784, 104.1803**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

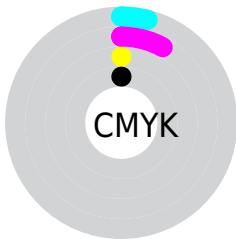
Distribution



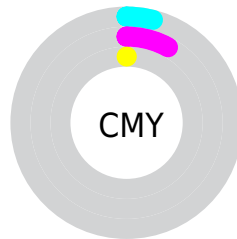
- Red (96%)
- Green (92%)
- Blue (100%)



- Red (96%)
- Yellow (92%)
- Blue (100%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1290, 85.4781, 106.6199 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 85.1290, 85.4781, 106.6199 by changing the saturation by 10% instead.

85.1290, 85.4781,
106.6199

85.1290, 85.4781,
106.6199

500.5321,
513.2087, 602.6416

64.2708, 64.2365,
81.1929

139.4665,
141.0410, 172.3560

47.1326, 46.8422,
60.1686

173.6765,
176.1310, 213.5022

33.3488, 32.9110,
43.1283

213.0679,
216.6060, 260.7253

22.5543, 22.0582,
29.6537

258.0059,
262.8503, 314.4436

14.3837, 13.8997,
19.3260

308.8560,
315.2483, 375.0759

8.4715, 8.0509,
11.7269

365.9835,

4.4524, 4.1276,

374.1845, 443.0406

6.4377

429.7537,
440.0432, 518.7563

■ 1.9611, 1.7452,
3.0400

■ 0.6120, 0.4526,
1.1151

■ 85.1290, 85.4781,
106.6199

■ 85.1290, 85.4781,
106.6199

■ 74.2873, 69.8784,
104.1803

95.0500, 100.0000,
108.9000

■ 64.7165, 56.4166,
102.0863

■ 56.3657, 44.9981,
100.3224

■ 49.1780, 35.5171,
98.8713

■ 43.0912, 27.8579,
97.7137

■ 38.0365, 21.8920,
96.8286

■ 33.9365, 17.4737,
96.1919

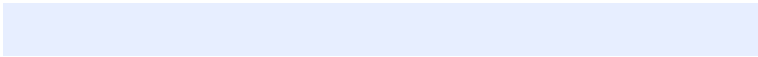
■ 30.7002, 14.4308,
95.7751

■ 28.2047, 12.5275,
95.5392

Harmonies

Analogous

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



82.3018, 85.4781, 110.7702



85.1290, 85.4781, 106.6199



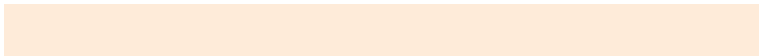
86.9437, 85.4781, 98.9195

Triad

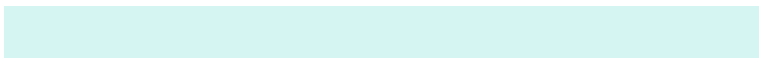
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1290, 85.4781, 106.6199



83.2616, 85.4781, 78.0104



75.5574, 85.4781, 96.1191

Complementary

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



85.1290, 85.4781, 106.6199



87.9216, 96.6946, 91.8761

Split Complementary

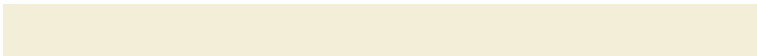
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7997, 85.4781, 87.4579



85.1290, 85.4781, 106.6199



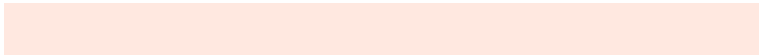
80.1961, 85.4781, 77.3655

Square

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



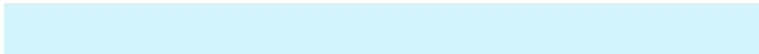
85.1290, 85.4781, 106.6199



85.8469, 85.4781, 82.5426



77.4798, 85.4781, 80.7217



76.8094, 85.4781, 104.4589

Rectangle

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



85.1290, 85.4781, 106.6199



87.3087, 85.4781, 92.9986



77.4798, 85.4781, 80.7217



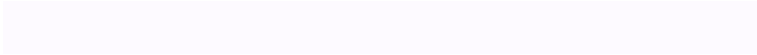
75.4676, 85.4781, 93.1437

Sweetspot

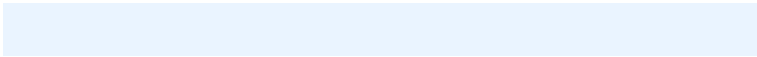
The Sweet Spot groups the original color and five complimentary colors.



85.1313, 85.4817, 106.6205



92.5566, 96.3313, 108.3233



84.3802, 89.5068, 107.4370



19.8371, 20.6573, 23.1917



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.



85.1313, 85.4817, 106.6205



83.1204, 82.5648, 106.1634



88.6581, 87.3063, 106.4917



17.9110, 17.8458, 22.7505



14.7060, 6.4917, 49.9125



1.5581, 0.6971, 4.8657

Inverse Universe

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



86.9941, 86.6407, 97.7292



85.3714, 83.9652, 95.4316



84.5960, 94.9743, 91.9832



18.3696, 18.1312, 20.5634



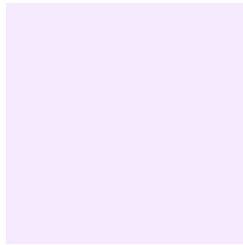
23.4405, 11.8655, 10.9702



2.3371, 1.1772, 1.3566

Previews

White Background



This preview shows how the XYZ color 85.1290, 85.4781, 106.6199 looks on a white background.

Color Contrast Check

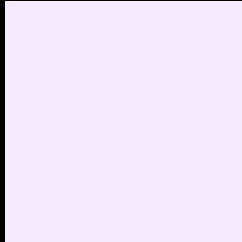
Large Text (above 18pt) WCAG AA × Fail

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 85.1290, 85.4781, 106.6199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

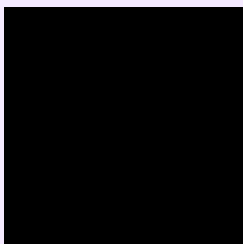
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1290, 85.4781, 106.6199

Background



This preview shows how black text looks on a background with the XYZ color 85.1290, 85.4781, 106.6199.



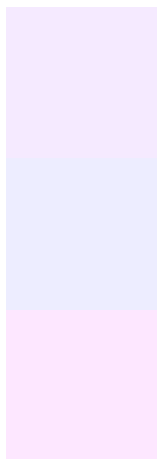
This preview shows how white text looks on a background with the XYZ color 85.1290, 85.4781,

106.6199.

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

85.1290, 85.4781, 106.6199

Protanopia

83.2592, 85.7929, 106.7792

Deuteranopia

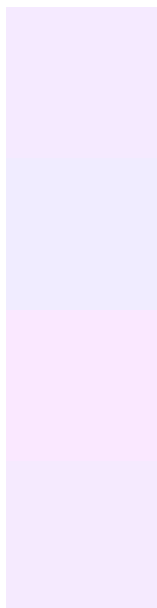
87.1339, 85.2545, 106.4710



Tritanopia

84.8086, 85.3500, 104.9328

Trichromacy



Original Color

85.1290, 85.4781, 106.6199

Protanomaly

83.9806, 85.7362, 106.7302

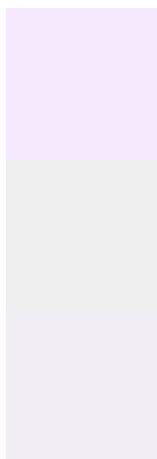
Deuteranomaly

86.3310, 85.2572, 106.5139

Tritanomaly

84.9684, 85.4139, 105.7741

Monochromacy



Original Color

85.1290, 85.4781, 106.6199

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.6739, 86.6189, 98.6952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1290, 85.4781, 106.6199 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(245, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.1290, 85.4781, 106.6199 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(245, 234, 255) }
```


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

```
.border{ border-color:rgb(245, 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(245, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1290, 85.4781, 106.6199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 255) }
```

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

```
.background{ background-color: rgb(245,  
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](#).

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