

Converting Colors

XYZ(83.3565, 82.6865,
106.1745)

Have a look what the booklet for
XYZ(83.3565, 82.6865, 106.1745)
contains.

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Color

**XYZ(83.6550, 83.0467,
106.2283)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E6FF
RGB	244, 230, 255
RGB Percent	96%, 90%, 100%
CMY	0.0431, 0.0980, 0.0000
CMYK	0.04, 0.10, 0.00, 0.00
HSL	274°, 100%, 95%
HSV	274°, 10%, 100%
XYZ	83.6550, 83.0467, 106.2283
YIQ	237.0360, 0.3190, 10.7430

Conversions

Conversions Part 2

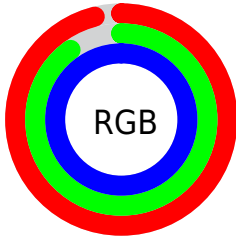
Format	Color
R_{YB}	244, 230, 255
Decimal	16049919
CIE Lab	93.03, 9.19, -10.37
CIE LCh	93, 13.856, 311.548
Yxy	83.0467, 0.3065, 0.3043
Android (android.graphics.Color)	4294239999 (0xFFFF4E6FF)
YUV	237.0360, 8.8563, 6.1074
Hunter-Lab	91.1300, 4.3811, -5.3221

Details

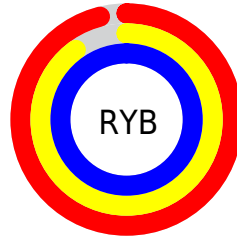
The XYZ color **83.6550, 83.0467, 106.2283** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.3207, 95.9349, 88.8347**, and the grayscale version is **80.4598, 84.6499, 92.1838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2621, 45.4285, 59.7564** is the 20% darker color. If you saturate the color by 10%, you get **73.2960, 67.9333, 103.8571**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

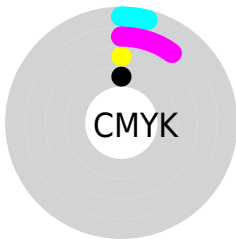
Distribution



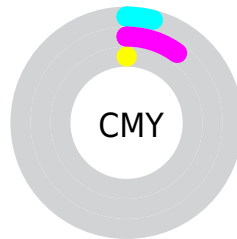
- Red (96%)
- Green (90%)
- Blue (100%)



- Red (96%)
- Yellow (90%)
- Blue (100%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6550, 83.0467, 106.2283 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 83.6550, 83.0467, 106.2283 by changing the saturation by 10% instead.


 83.6550, 83.0467,
106.2283

 83.6550, 83.0467,
106.2283


495.7178,
505.1421, 601.3983

 63.0494, 62.2287,
80.8664

137.4162,
137.6409, 171.8165

 46.1400, 45.2175,
59.9012


171.3026,
172.1858, 212.8799

 32.5614, 31.6288,
42.9142


210.3465,
212.0752, 260.0143

 21.9483, 21.0781,
29.4869

254.9134,
257.6933, 313.6380

 13.9353, 13.1811,
19.2007

305.3686,
309.4247, 374.1698

 8.1571, 7.5534,
11.6371

362.0776,

 4.2483, 3.8105,

367.6537, 442.0280

6.3776

425.4055,
432.7647, 517.6314

■ 1.8435, 1.5681,
3.0035

■ 0.5437, 0.3360,
1.0964

■ 83.6550, 83.0467,
106.2283

■ 83.6550, 83.0467,
106.2283

■ 73.2960, 67.9333,
103.8571

95.0500, 100.0000,
108.9000

■ 64.1609, 54.9227,
101.8272

■ 56.1993, 43.9199,
100.1231

■ 49.3546, 34.8182,
98.7270

■ 43.5651, 27.5008,
97.6198

■ 38.7623, 21.8378,
96.7799

■ 34.8682, 17.6805,
96.1827

■ 31.7909, 14.8522,
95.7989

■ 29.3858, 13.0720,
95.5821

Harmonies

Analogous

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



80.3393, 83.0467, 111.4623



83.6550, 83.0467, 106.2283



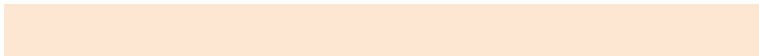
85.7429, 83.0467, 96.9010

Triad

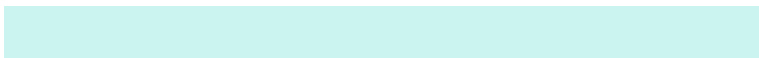
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6550, 83.0467, 106.2283



81.1638, 83.0467, 72.7523



72.2889, 83.0467, 94.4858

Complementary

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



83.6550, 83.0467, 106.2283



86.3207, 95.9349, 88.8347

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.



72.4943, 83.0467, 84.2417



83.6550, 83.0467, 106.2283



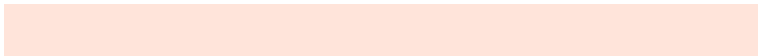
77.5440, 83.0467, 72.2146

Square

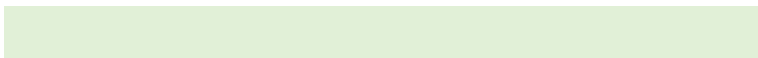
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6550, 83.0467, 106.2283



84.2745, 83.0467, 77.8002



74.3929, 83.0467, 76.2701



73.8229, 83.0467, 104.3439

Rectangle

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



83.6550, 83.0467, 106.2283



86.1201, 83.0467, 89.8847



74.3929, 83.0467, 76.2701



72.1581, 83.0467, 90.9649

Sweetspot

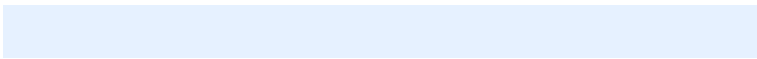
The Sweet Spot groups the original color and five complimentary colors.



83.6572, 83.0501, 106.2288



91.4303, 94.5829, 108.0452



82.2152, 87.1044, 107.0874



19.3670, 19.9421, 23.0784



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.



83.6572, 83.0501, 106.2288



81.2719, 79.5417, 105.6773



87.3878, 84.9965, 105.3565



17.9761, 17.8794, 22.7536



15.5063, 6.9043, 49.9500



1.6354, 0.7370, 4.8693

Inverse Universe

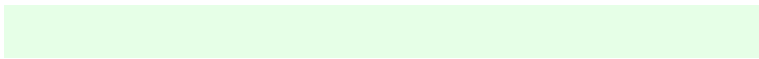
The Inverse Universe completely reimagines the original color for something new.



85.4161, 84.2078, 94.9739



83.4161, 80.9517, 92.0136



82.8548, 94.1279, 89.5921



18.3414, 18.1199, 20.4150



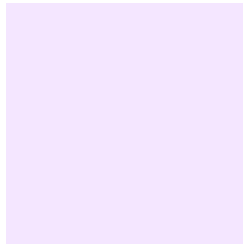
23.1551, 11.7513, 9.4673



2.3084, 1.1657, 1.2052

Previews

White Background



This preview shows how the XYZ color 83.6550, 83.0467, 106.2283 looks on a white background.

Color Contrast Check

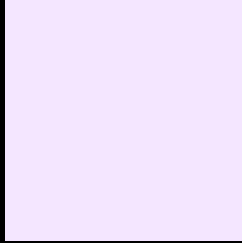
Large Text (above 18pt) WCAG AA × Fail

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 83.6550, 83.0467, 106.2283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

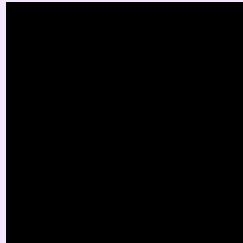
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

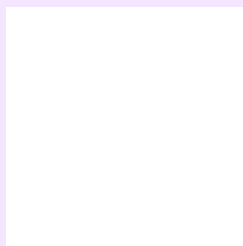
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6550, 83.0467, 106.2283

Background



This preview shows how black text looks on a background with the XYZ color 83.6550, 83.0467, 106.2283.



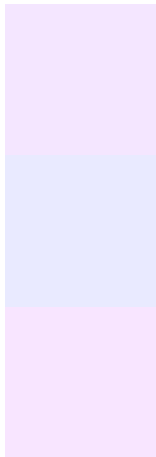
This preview shows how white text looks on a background with the XYZ color 83.6550, 83.0467,

106.2283.

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

83.6550, 83.0467, 106.2283

Protanopia

81.0771, 83.3893, 106.4303

Deuteranopia

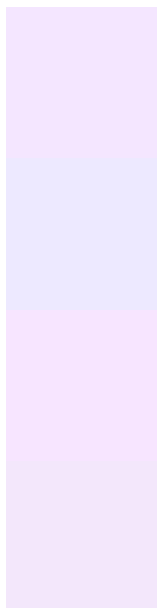
84.7807, 83.2151, 106.2014



Tritanopia

82.6369, 83.0461, 101.2966

Trichromacy



Original Color

83.6550, 83.0467, 106.2283

Protanomaly

82.1140, 83.5024, 106.3974

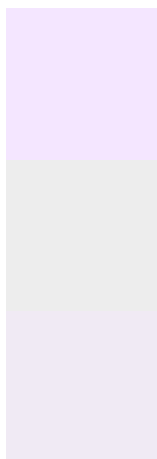
Deuteranomaly

84.4271, 83.0328, 106.1849

Tritanomaly

82.9506, 83.1715, 102.9485

Monochromacy



Original Color

83.6550, 83.0467, 106.2283

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.6871, 83.9026, 97.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6550, 83.0467, 106.2283 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(244, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 230, 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(244, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.6550, 83.0467, 106.2283 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(244, 230, 255) }
```


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

```
.border{ border-color:rgb(244, 230, 255) }
```

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

Here you see how a box with a 4 pixel rgb(244, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6550, 83.0467, 106.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 230, 255) }
```

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

```
.background{ background-color: rgb(244,  
230, 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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