

Converting Colors

XYZ(124.9285, 100.0000,
308.0153)

Have a look what the booklet for
XYZ(124.9285, 100.0000, 308.0153)
contains.

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Color

**XYZ(86.4917, 84.5091,
106.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE6FF
RGB	252, 230, 255
RGB Percent	99%, 90%, 100%
CMY	0.0118, 0.0980, 0.0000
CMYK	0.01, 0.10, 0.00, 0.00
HSL	293°, 100%, 95%
HSV	293°, 10%, 100%
XYZ	86.4917, 84.5091, 106.3610
YIQ	239.4280, 5.0870, 12.4390

Conversions

Conversions Part 2

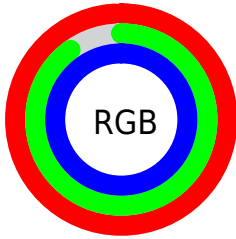
Format	Color
R _Y B	252, 230, 255
Decimal	16574207
CIE Lab	93.67, 11.80, -9.36
CIE LCh	94, 15.061, 321.599
Yxy	84.5091, 0.3118, 0.3047
Android (android.graphics.Color)	4294764287 (0xFFFC6FF)
YUV	239.4280, 7.6770, 11.0256
Hunter-Lab	91.9288, 7.0672, -4.2479

Details

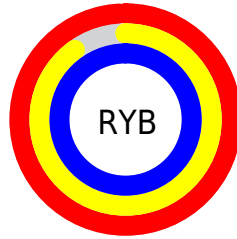
The XYZ color **86.4917, 84.5091, 106.3610** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6494, 94.5578, 88.7099**, and the grayscale version is **82.3188, 86.6058, 94.3137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8348, 45.9514, 59.7744** is the 20% darker color. If you saturate the color by 10%, you get **78.8098, 70.7758, 104.1151**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

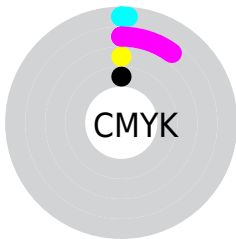
Distribution



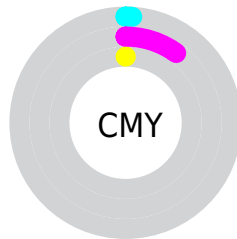
- Red (99%)
- Green (90%)
- Blue (100%)



- Red (99%)
- Yellow (90%)
- Blue (100%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.4917, 84.5091, 106.3610 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 86.4917, 84.5091, 106.3610 by changing the saturation by 10% instead.

86.4917, 84.5091,
106.3610

86.4917, 84.5091,
106.3610

504.9608,
510.0023, 601.8198

65.4013, 63.4358,
80.9770

141.3587,
139.6871, 171.9994

48.0524, 46.1939,
59.9918

175.8661,
174.5607, 213.0909

34.0798, 32.3989,
42.9868

215.5764,
214.8031, 260.2552

23.1181, 21.6663,
29.5434

260.8551,
260.7988, 313.9111

14.8019, 13.6119,
19.2432

312.0676,
312.9322, 374.4769

8.7659, 7.8513,
11.6675

369.5791,

4.6447, 3.9999,

371.5876, 442.3713

6.3979

433.7550,
437.1495, 518.0127

■ 2.0729, 1.6735,
3.0159

■ 0.6744, 0.4064,
1.1027

■ 86.4917, 84.5091,
106.3610

■ 86.4917, 84.5091,
106.3610

■ 78.8098, 70.7758,
104.1151

95.0500, 100.0000,
108.9000

■ 72.1365, 59.0344,
102.2005

■ 66.4259, 49.1919,
100.6017

■ 61.6256, 41.1442,
99.3013

■ 57.6785, 34.7766,
98.2803

■ 54.5204, 29.9614,
97.5173

■ 52.0785, 26.5527,
96.9881

■ 50.2655, 24.3762,
96.6635

■ 48.9421, 23.1536,
96.4973

Harmonies

Analogous

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



83.1829, 84.5091, 114.0116



86.4917, 84.5091, 106.3610



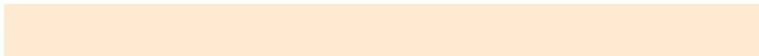
88.1605, 84.5091, 95.2659

Triad

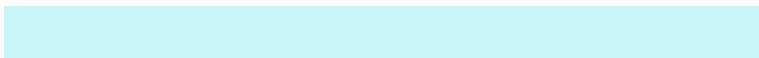
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4917, 84.5091, 106.3610



81.4502, 84.5091, 71.9329



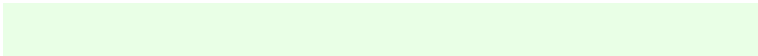
73.3942, 84.5091, 100.3499

Complementary

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



86.4917, 84.5091, 106.3610



83.6494, 94.5578, 88.7099

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.



72.9650, 84.5091, 88.8410



86.4917, 84.5091, 106.3610



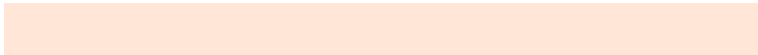
77.5301, 84.5091, 73.0486

Square

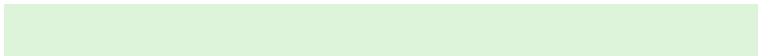
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4917, 84.5091, 106.3610



85.1874, 84.5091, 75.8375



74.4555, 84.5091, 79.0226



75.6481, 84.5091, 110.3459

Rectangle

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



86.4917, 84.5091, 106.3610



88.0814, 84.5091, 87.6654



74.4555, 84.5091, 79.0226



73.0348, 84.5091, 96.5083

Sweetspot

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



86.4939, 84.5126, 106.3616



92.3211, 95.0422, 108.0869



79.9198, 82.5136, 106.3222



19.6079, 20.0663, 23.0897



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.



86.4939, 84.5126, 106.3616



84.7157, 81.3170, 105.8385



86.1477, 84.5006, 98.8262



18.5655, 18.1833, 22.7812



25.6455, 12.1312, 50.4245



2.5549, 1.2110, 4.9124

Inverse Universe

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



84.2470, 83.7403, 88.8171



82.0167, 80.3919, 84.6448



84.0002, 94.5860, 95.6230



18.0980, 18.0225, 19.1332



21.7029, 11.1704, 1.8198



2.1400, 1.0984, 0.3188

Previews

White Background



This preview shows how the XYZ color 86.4917, 84.5091, 106.3610 looks on a white background.

Color Contrast Check

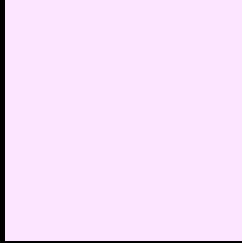
Large Text (above 18pt) WCAG AA × Fail

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 86.4917, 84.5091, 106.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

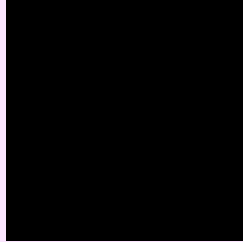
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.4917, 84.5091, 106.3610

Background



This preview shows how black text looks on a background with the XYZ color 86.4917, 84.5091, 106.3610.



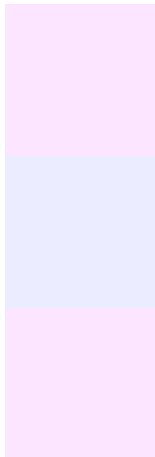
This preview shows how white text looks on a background with the XYZ color 86.4917, 84.5091,

106.3610.

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

86.4917, 84.5091, 106.3610

Protanopia

82.3064, 84.8731, 106.6519

Deuteranopia

86.4917, 84.5091, 106.3610



Tritanopia

85.4585, 84.5006, 101.4286

Trichromacy



Original Color

86.4917, 84.5091, 106.3610

Protanomaly

83.7484, 84.7664, 106.5553

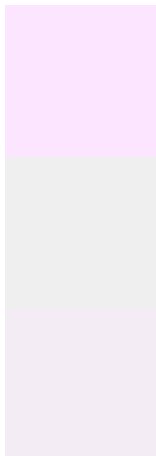
Deuteranomaly

86.4917, 84.5091, 106.3610

Tritanomaly

85.7722, 84.6261, 103.0806

Monochromacy



Original Color

86.4917, 84.5091, 106.3610

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.7851, 85.8166, 98.5345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4917, 84.5091, 106.3610 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(252, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.4917, 84.5091, 106.3610 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(252, 230, 255) }
```


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

```
.border{ border-color:rgb(252, 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(252, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4917, 84.5091, 106.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 255) }
```

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

```
.background{ background-color: rgb(252,  
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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