

Converting Colors

XYZ(112.9964, 94.8653,
244.7990)

Have a look what the booklet for
XYZ(112.9964, 94.8653, 244.7990)
contains.

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Color

**XYZ(86.5773, 84.1413,
106.2855)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE5FF
RGB	253, 229, 255
RGB Percent	99%, 90%, 100%
CMY	0.0078, 0.1019, 0.0000
CMYK	0.01, 0.10, 0.00, 0.00
HSL	295°, 100%, 95%
HSV	295°, 10%, 100%
XYZ	86.5773, 84.1413, 106.2855
YIQ	239.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

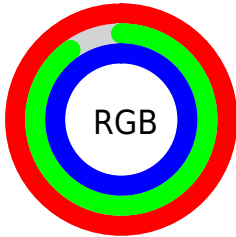
Format	Color
R_{YB}	253, 229, 255
Decimal	16639487
CIE _{Lab}	93.51, 12.65, -9.58
CIE _{LCh}	94, 15.870, 322.854
Yxy	84.1413, 0.3125, 0.3038
Android (android.graphics.Color)	4294829567 (0xFFFD E5FF)
YUV	239.1400, 7.8190, 12.1552
Hunter-Lab	91.7286, 7.9509, -4.4891

Details

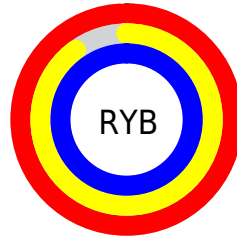
The XYZ color **86.5773, 84.1413, 106.2855** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.8601, 94.1671, 87.9419**, and the grayscale version is **82.0929, 86.3681, 94.0549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0940, 46.0851, 59.7866** is the 20% darker color. If you saturate the color by 10%, you get **79.3241, 70.6881, 104.0711**, and if you desaturate by 10%, it is **94.8786, 99.6780, 108.8469**.

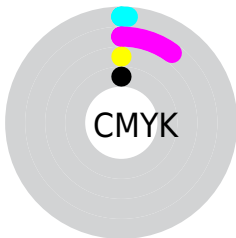
Distribution



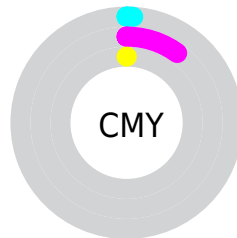
- Red (99%)
- Green (90%)
- Blue (100%)



- 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 86.5773, 84.1413, 106.2855 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 86.5773, 84.1413, 106.2855 by changing the saturation by 10% instead.


 86.5773, 84.1413,
106.2855

 86.5773, 84.1413,
106.2855


505.2383,
508.7823, 601.5800

 65.4723, 63.1321,
80.9141


141.4775,
139.1728, 171.8954

 48.1103, 45.9481,
59.9402


176.0035,
173.9639, 212.9709

 34.1259, 32.2049,
42.9455

215.7338,
214.1178, 260.1181

 23.1536, 21.5180,
29.5113

261.0338,
260.0188, 313.7557

 14.8283, 13.5032,
19.2190

312.2689,
312.0514, 374.3022

 8.7845, 7.7759,
11.6502

369.8045,

 4.6569, 3.9519,

370.5999, 442.1760

6.3864

434.0058,
436.0488, 517.7958

■ 2.0801, 1.6467,
3.0088

■ 0.6783, 0.3888,
1.0991

■ 86.5773, 84.1413,
106.2855

■ 86.5773, 84.1413,
106.2855

■ 79.3241, 70.6881,
104.0711

94.8786, 99.6780,
108.8469

■ 73.0673, 59.2177,
102.1868

95.0500, 100.0000,
108.9000

■ 67.7607, 49.6371,
100.6173

■ 63.3521, 41.8415,
99.3449

■ 59.7839, 35.7161,
98.3507

■ 56.9921, 31.1325,
97.6131

■ 54.9031, 27.9439,
97.1077

■ 53.4291, 25.9748,
96.8054

■ 52.4417, 24.9496,
96.6595

Harmonies

Analogous

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



83.1477, 84.1413, 114.5950



86.5773, 84.1413, 106.2855



88.2475, 84.1413, 94.5197

Triad

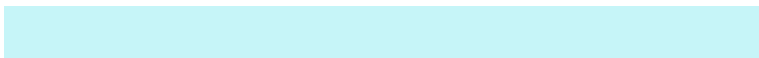
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5773, 84.1413, 106.2855



80.9815, 84.1413, 70.5521



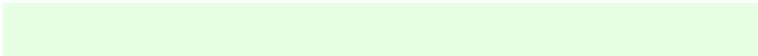
72.7685, 84.1413, 100.8838

Complementary

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



86.5773, 84.1413, 106.2855



82.8601, 94.1671, 87.9419

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.



72.2341, 84.1413, 88.7716



86.5773, 84.1413, 106.2855



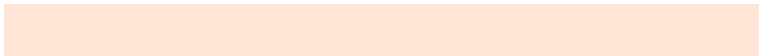
76.8817, 84.1413, 71.9338

Square

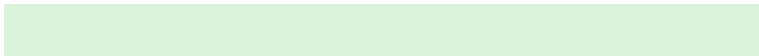
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5773, 84.1413, 106.2855



84.9442, 84.1413, 74.4076



73.7149, 84.1413, 78.3617



75.2011, 84.1413, 111.2909

Rectangle

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



86.5773, 84.1413, 106.2855



88.0986, 84.1413, 86.5719



73.7149, 84.1413, 78.3617



72.3645, 84.1413, 96.8514

Sweetspot

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



86.5795, 84.1448, 106.2861



92.4419, 95.1044, 108.0925



78.9891, 81.1272, 106.1037



19.6407, 20.0832, 23.0912



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.



86.5795, 84.1448, 106.2861



85.1931, 81.5631, 105.8608



85.6158, 83.8438, 97.3937



18.6467, 18.2251, 22.7850



27.4599, 13.0666, 50.5094



2.7130, 1.2925, 4.9198

Inverse Universe

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



83.6854, 83.0717, 87.2283



81.8343, 80.3190, 83.6841



83.7789, 94.4606, 96.1281



18.0660, 18.0097, 18.9649



21.6329, 11.1425, 1.4515



2.1250, 1.0924, 0.2396

Previews

White Background



This preview shows how the XYZ color 86.5773, 84.1413, 106.2855 looks on a white background.

Color Contrast Check

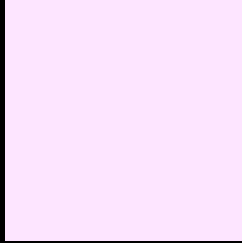
Large Text (above 18pt) WCAG AA × Fail

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 86.5773, 84.1413, 106.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

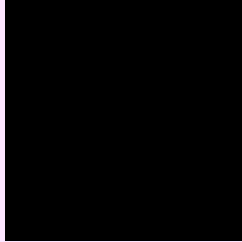
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.5773, 84.1413, 106.2855

Background



This preview shows how black text looks on a background with the XYZ color 86.5773, 84.1413, 106.2855.



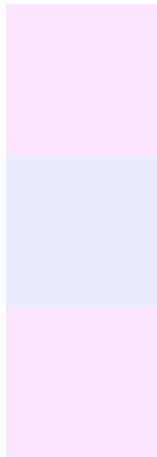
This preview shows how white text looks on a background with the XYZ color 86.5773, 84.1413,

106.2855.

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

86.5773, 84.1413, 106.2855

Protanopia

82.0193, 84.2988, 106.5562

Deuteranopia

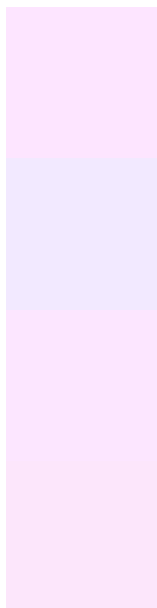
86.1305, 84.3229, 106.3441



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

86.5773, 84.1413, 106.2855

Protanomaly

83.8069, 84.3751, 106.4767

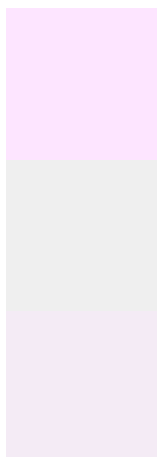
Deuteranomaly

86.4917, 84.5091, 106.3610

Tritanomaly

85.8543, 84.2541, 103.0044

Monochromacy



Original Color

86.5773, 84.1413, 106.2855

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.4980, 85.2423, 98.4388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5773, 84.1413, 106.2855 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(253, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 229, 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(253, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.5773, 84.1413, 106.2855 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(253, 229, 255) }
```


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

```
.border{ border-color:rgb(253, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5773, 84.1413, 106.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 229, 255) }
```

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

```
.background{ background-color: rgb(253,  
229, 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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