

Converting Colors

XYZ(129.5654, 104.0662,
336.4228)

Have a look what the booklet for
XYZ(129.5654, 104.0662, 336.4228)
contains.

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Color

**XYZ(86.0515, 86.8037,
106.8271)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ECFF
RGB	246, 236, 255
RGB Percent	96%, 93%, 100%
CMY	0.0353, 0.0745, 0.0000
CMYK	0.04, 0.07, 0.00, 0.00
HSL	272°, 100%, 96%
HSV	272°, 7%, 100%
XYZ	86.0515, 86.8037, 106.8271
YIQ	241.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

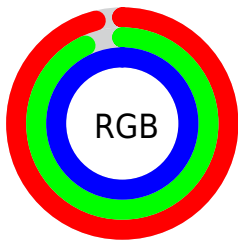
Format	Color
R_{YB}	246, 236, 255
Decimal	16182527
CIE _{Lab}	94.65, 6.74, -7.95
CIE _{LCh}	95, 10.422, 310.294
Yxy	86.8037, 0.3077, 0.3104
Android (android.graphics.Color)	4294372607 (0xFF6ECFF)
YUV	241.1560, 6.8251, 4.2482
Hunter-Lab	93.1685, 1.8198, -2.7640

Details

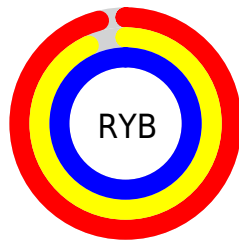
The XYZ color **86.0515, 86.8037, 106.8271** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5586, 96.9896, 93.4145**, and the grayscale version is **83.6820, 88.0400, 95.8755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7495, 47.6669, 60.1100** is the 20% darker color. If you saturate the color by 10%, you get **75.1277, 71.0425, 104.3607**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

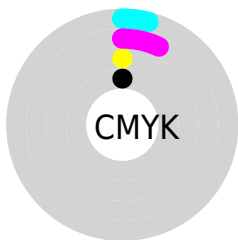
Distribution



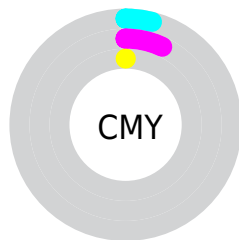
- Red (96%)
- Green (93%)
- Blue (100%)



- Red (96%)
- Yellow (93%)
- Blue (100%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0515, 86.8037, 106.8271 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 86.0515, 86.8037, 106.8271 by changing the saturation by 10% instead.


 86.0515, 86.8037,
106.8271

 86.0515, 86.8037,
106.8271


503.5324,
517.5776, 603.2988

 65.0360, 65.3328,
81.3657


140.7478,
142.8905, 172.6414

 47.7551, 47.7310,
60.3101


175.1593,
178.2752, 213.8314

 33.8434, 33.6139,
43.2417


214.7668,
219.0665, 261.1013

 22.9356, 22.5971,
29.7420

259.9358,
265.6490, 314.8697

 14.6664, 14.2963,
19.3924

311.0314,
318.4069, 375.5551

 8.6704, 8.3270,
11.7745

368.4192,

 4.5822, 4.3049,

377.7247, 443.5761

6.4697

432.4644,
443.9868, 519.3511

■ 2.0365, 1.8456,
3.0593

■ 0.6543, 0.5153,
1.1250

■ 86.0515, 86.8037,
106.8271

■ 86.0515, 86.8037,
106.8271

■ 75.1277, 71.0425,
104.3607

95.0500, 100.0000,
108.9000

■ 65.4760, 57.4250,
102.2409

■ 57.0460, 45.8573,
100.4524

■ 49.7810, 36.2344,
98.9779

■ 43.6193, 28.4415,
97.7985

■ 38.4931, 22.3513,
96.8932

■ 34.3256, 17.8197,
96.2381

■ 31.0274, 14.6771,
95.8054

■ 28.4836, 12.7035,
95.5585

Harmonies

Analogous

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



83.4746, 86.8037, 110.5874



86.0515, 86.8037, 106.8271



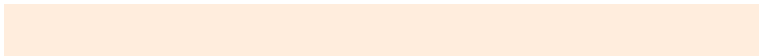
87.7012, 86.8037, 99.8338

Triad

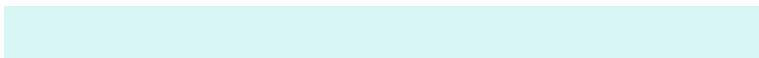
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0515, 86.8037, 106.8271



84.3413, 86.8037, 80.6700



77.2968, 86.8037, 97.3095

Complementary

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



86.0515, 86.8037, 106.8271



88.5586, 96.9896, 93.4145

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.



77.5169, 86.8037, 89.3875



86.0515, 86.8037, 106.8271



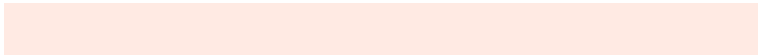
81.5416, 86.8037, 80.0796

Square

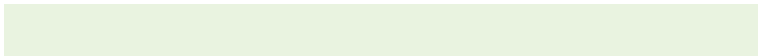
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0515, 86.8037, 106.8271



86.6984, 86.8037, 84.8475



79.0560, 86.8037, 83.1863



78.4477, 86.8037, 104.8892

Rectangle

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



86.0515, 86.8037, 106.8271



88.0314, 86.8037, 94.4349



79.0560, 86.8037, 83.1863



77.2135, 86.8037, 94.5941

Sweetspot

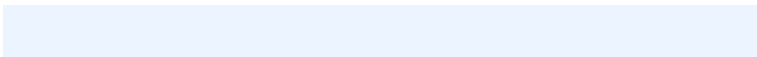
The Sweet Spot groups the original color and five complimentary colors.



86.0538, 86.8073, 106.8277



92.5613, 96.3337, 108.3235



85.3527, 90.4714, 107.5719



19.8380, 20.6578, 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.



86.0538, 86.8073, 106.8277



84.2734, 84.2174, 106.4216



89.2361, 88.4538, 106.7108



17.9155, 17.8482, 22.7507



14.7593, 6.5192, 49.9150



1.5633, 0.6998, 4.8660

Inverse Universe

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



87.7191, 87.8469, 98.7220



86.2766, 85.4677, 96.6818



85.5411, 95.4287, 93.5136



18.3676, 18.1304, 20.5531



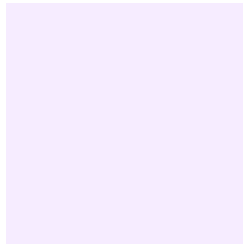
23.4199, 11.8572, 10.8614



2.3350, 1.1764, 1.3457

Previews

White Background



This preview shows how the XYZ color 86.0515, 86.8037, 106.8271 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 86.0515, 86.8037, 106.8271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

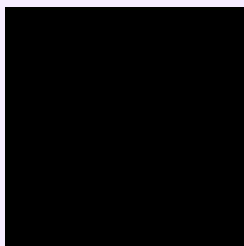
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

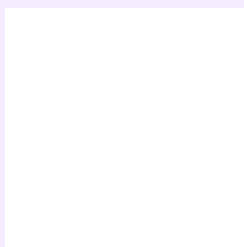
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0515, 86.8037, 106.8271

Background



This preview shows how black text looks on a background with the XYZ color 86.0515, 86.8037, 106.8271.



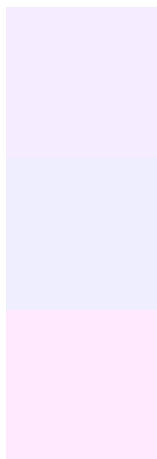
This preview shows how white text looks on a background with the XYZ color 86.0515, 86.8037,

106.8271.

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

86.0515, 86.8037, 106.8271

Protanopia

84.2211, 86.7198, 106.9074

Deuteranopia

88.4289, 86.7578, 106.6930



Tritanopia

86.0515, 86.8037, 106.8271

Trichromacy



Original Color

86.0515, 86.8037, 106.8271

Protanomaly

84.9521, 86.6656, 106.8584

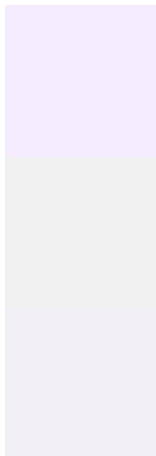
Deuteranomaly

87.6177, 86.7611, 106.7364

Tritanomaly

86.0515, 86.8037, 106.8271

Monochromacy



Original Color

86.0515, 86.8037, 106.8271

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.4632, 87.4415, 99.6150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0515, 86.8037, 106.8271 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(246, 236, 255) looks like.

```
.text, #text, p{  
    color:rgb(246, 236, 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(246, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.0515, 86.8037, 106.8271 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(246, 236, 255) }
```


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

```
.border{ border-color:rgb(246, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0515, 86.8037, 106.8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 236, 255) }
```

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

```
.background{ background-color: rgb(246,  
236, 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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