

Converting Colors

XYZ(82.9653, 82.9670,
106.7107)

Have a look what the booklet for
XYZ(82.9653, 82.9670, 106.7107)
contains.

XYZ(82.9015, 83.0726, 106.2730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.9015, 83.0726,
106.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E7FF
RGB	241, 231, 255
RGB Percent	95%, 91%, 100%
CMY	0.0549, 0.0941, 0.0000
CMYK	0.05, 0.09, 0.00, 0.00
HSL	265°, 100%, 95%
HSV	265°, 9%, 100%
XYZ	82.9015, 83.0726, 106.2730
YIQ	236.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

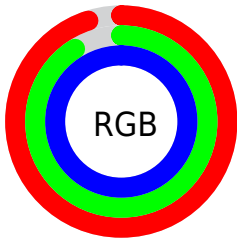
Format	Color
R _Y B	241, 231, 255
Decimal	15853567
CIE Lab	93.05, 7.70, -10.38
CIE LCh	93, 12.922, 306.567
Yxy	83.0726, 0.3045, 0.3051
Android (android.graphics.Color)	4294043647 (0xFFFF1E7FF)
YUV	236.7260, 9.0091, 3.7483
Hunter-Lab	91.1442, 2.8550, -5.3305

Details

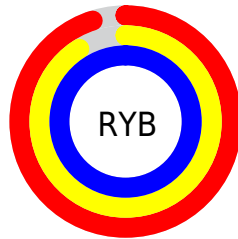
The XYZ color **82.9015, 83.0726, 106.2730** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8421, 96.7030, 89.6412**, and the grayscale version is **80.2215, 84.3992, 91.9107**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5306, 45.0514, 59.7222** is the 20% darker color. If you saturate the color by 10%, you get **71.4058, 67.3139, 103.8371**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

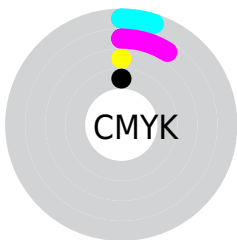
Distribution



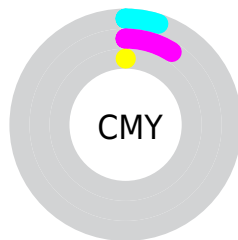
- Red (95%)
- Green (91%)
- Blue (100%)



- Red (95%)
- Yellow (91%)
- Blue (100%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9015, 83.0726, 106.2730 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 82.9015, 83.0726, 106.2730 by changing the saturation by 10% instead.


 82.9015, 83.0726,
106.2730

 82.9015, 83.0726,
106.2730


493.2471,
505.2284, 601.5403

 62.4255, 62.2500,
80.9036


136.3667,
137.6771, 171.8781

 45.6335, 45.2348,
59.9317

170.0867,
172.2279, 212.9510

 32.1601, 31.6424,
42.9387


208.9521,
212.1235, 260.0954

 21.6400, 21.0885,
29.5059

253.3282,
257.7484, 313.7300

 13.7077, 13.1887,
19.2150

303.5804,
309.4870, 374.2732

 7.9980, 7.5586,
11.6474

360.0740,

 4.1455, 3.8138,

367.7236, 442.1437

6.3844

423.1745,
432.8426, 517.7598

■ 1.7848, 1.5700,
3.0077

■ 0.5085, 0.3372,
1.0986

■ 82.9015, 83.0726,
106.2730

■ 82.9015, 83.0726,
106.2730

■ 71.4058, 67.3139,
103.8371

95.0500, 100.0000,
108.9000

■ 61.3076, 53.7504,
101.7513

■ 52.5510, 42.2842,
99.9997

■ 45.0734, 32.8057,
98.5643

■ 38.8066, 25.1954,
97.4256

■ 33.6755, 19.3201,
96.5620

■ 29.5952, 15.0284,
95.9487

■ 26.4665, 12.1409,
95.5562

■ 24.1432, 10.3854,
95.3398

Harmonies

Analogous

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



79.7051, 83.0726, 110.2734



82.9015, 83.0726, 106.2730



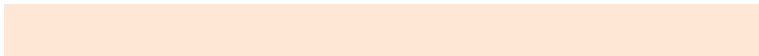
85.0849, 83.0726, 98.0733

Triad

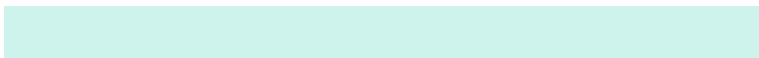
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9015, 83.0726, 106.2730



81.5761, 83.0726, 74.3965



72.6638, 83.0726, 92.6016

Complementary

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



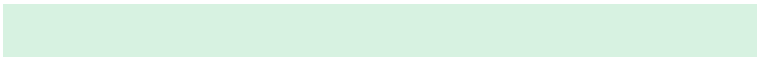
82.9015, 83.0726, 106.2730



87.8421, 96.7030, 89.6412

Split Complementary

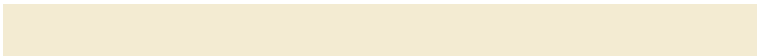
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1325, 83.0726, 83.2361



82.9015, 83.0726, 106.2730



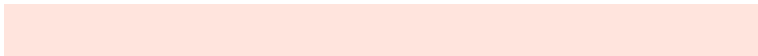
78.2156, 83.0726, 73.1605

Square

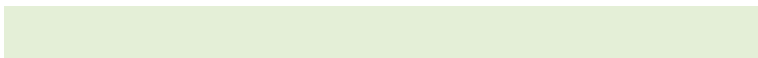
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9015, 83.0726, 106.2730



84.3046, 83.0726, 79.7898



75.1416, 83.0726, 76.2846



73.8424, 83.0726, 102.0240

Rectangle

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



82.9015, 83.0726, 106.2730



85.6384, 83.0726, 91.5734



75.1416, 83.0726, 76.2846



72.6344, 83.0726, 89.3396

Sweetspot

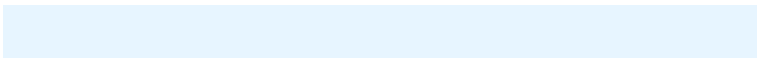
The Sweet Spot groups the original color and five complimentary colors.



82.9037, 83.0760, 106.2735



91.0350, 94.3791, 108.0267



83.7810, 89.7583, 107.5171



19.2604, 19.8872, 23.0734



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.



82.9037, 83.0760, 106.2735



80.9791, 80.4182, 105.8619



86.9902, 85.1827, 106.4648



17.7200, 17.7474, 22.7416



12.7124, 5.4640, 49.8192



1.3587, 0.5944, 4.8564

Inverse Universe

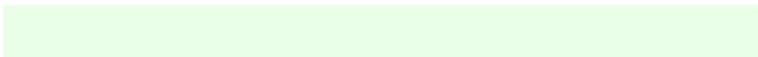
The Inverse Universe completely reimagines the original color for something new.



86.2995, 85.0078, 98.2489



84.9206, 82.6609, 96.5224



83.9213, 94.6817, 89.4577



18.4539, 18.1649, 21.0071



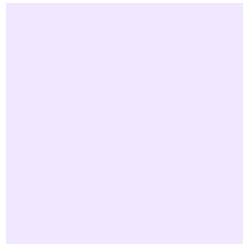
24.4498, 12.2692, 16.2849



2.4351, 1.2164, 1.8725

Previews

White Background



This preview shows how the XYZ color 82.9015, 83.0726, 106.2730 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 82.9015, 83.0726, 106.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

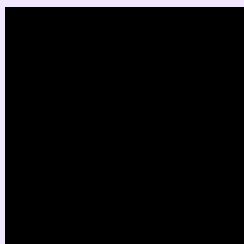
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9015, 83.0726, 106.2730

Background



This preview shows how black text looks on a background with the XYZ color 82.9015, 83.0726, 106.2730.



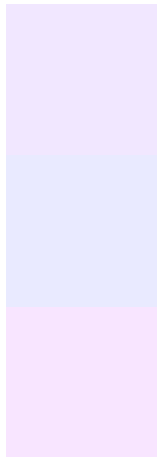
This preview shows how white text looks on a background with the XYZ color 82.9015, 83.0726,

106.2730.

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

82.9015, 83.0726, 106.2730

Protanopia

81.0771, 83.3893, 106.4303

Deuteranopia

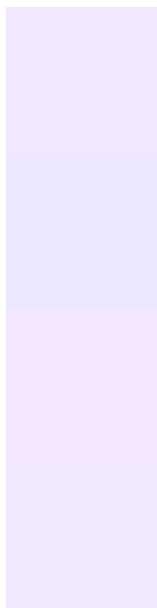
84.7807, 83.2151, 106.2014



Tritanopia

82.0471, 83.1406, 102.1659

Trichromacy



Original Color

82.9015, 83.0726, 106.2730

Protanomaly

81.7810, 83.3307, 106.3819

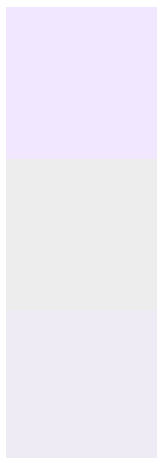
Deuteranomaly

84.0030, 83.2261, 106.2446

Tritanomaly

82.3625, 83.2668, 103.8266

Monochromacy



Original Color

82.9015, 83.0726, 106.2730

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2974, 84.1255, 97.5410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9015, 83.0726, 106.2730 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(241, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 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(241, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.9015, 83.0726, 106.2730 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(241, 231, 255) }
```


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

```
.border{ border-color:rgb(241, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9015, 83.0726, 106.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 255) }
```

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

```
.background{ background-color: rgb(241,  
231, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor