

Converting Colors

XYZ(85.2662, 86.6069,
106.8305)

Have a look what the booklet for
XYZ(85.2662, 86.6069, 106.8305)
contains.

XYZ(85.0076, 86.2656, 106.7783)	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(85.0076, 86.2656,
106.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	F3ECFF
RGB	243, 236, 255
RGB Percent	95%, 93%, 100%
CMY	0.0471, 0.0745, 0.0000
CMYK	0.05, 0.07, 0.00, 0.00
HSL	262°, 100%, 96%
HSV	262°, 7%, 100%
XYZ	85.0076, 86.2656, 106.7783
YIQ	240.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

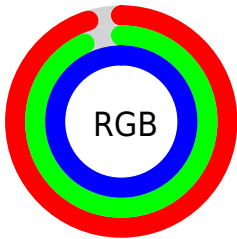
Format	Color
R _Y B	243, 236, 255
Decimal	15985919
CIE Lab	94.43, 5.76, -8.31
CIE LCh	94, 10.116, 304.732
Yxy	86.2656, 0.3057, 0.3103
Android (android.graphics.Color)	4294175999 (0xFFFF3ECFF)
YUV	240.2590, 7.2673, 2.4039
Hunter-Lab	92.8793, 0.8331, -3.1470

Details

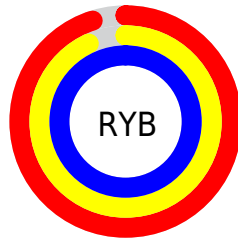
The XYZ color **85.0076, 86.2656, 106.7783** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.6139, 97.5336, 93.4639**, and the grayscale version is **82.9752, 87.2964, 95.0658**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0078, 47.2845, 60.0753** is the 20% darker color. If you saturate the color by 10%, you get **72.8669, 69.8770, 104.2549**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

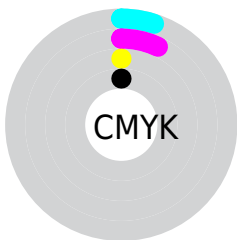
Distribution



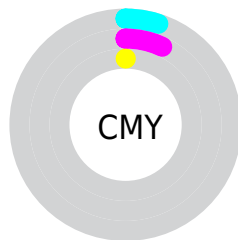
- Red (95%)
- Green (93%)
- Blue (100%)



- Red (95%)
- Yellow (93%)
- Blue (100%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0076, 86.2656, 106.7783 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 85.0076, 86.2656, 106.7783 by changing the saturation by 10% instead.

85.0076, 86.2656,
106.7783

85.0076, 86.2656,
106.7783

500.1365,
515.8066, 603.1441

64.1702, 64.8876,
81.3250

139.2978,
142.1401, 172.5742

47.0507, 47.3700,
60.2767

173.4812,
177.4054, 213.7539

33.2839, 33.3282,
43.2150

212.8441,
218.0685, 261.0127

22.5043, 22.3780,
29.7212

257.7516,
264.5140, 314.7694

14.3466, 14.1349,
19.3768

308.5693,
317.1261, 375.4423

8.4454, 8.2146,
11.7633

365.6625,

4.4354, 4.2325,

376.2893, 443.4500

6.4621

429.3964,
442.3880, 519.2111

■ 1.9513, 1.8045,
3.0548

■ 0.6064, 0.4900,
1.1227

■ 85.0076, 86.2656,
106.7783

■ 85.0076, 86.2656,
106.7783

■ 72.8669, 69.8770,
104.2549

95.0500, 100.0000,
108.9000

■ 62.2030, 55.7377,
102.0877

■ 52.9581, 43.7500,
100.2611

■ 45.0674, 33.8045,
98.7573

■ 38.4608, 25.7822,
97.5571

■ 33.0612, 19.5511,
96.6390

■ 28.7824, 14.9620,
95.9787

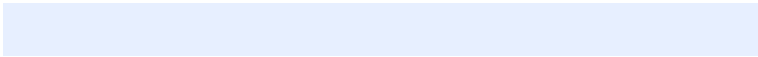
■ 25.5245, 11.8402,
95.5478

■ 23.1613, 9.9598,
95.3094

Harmonies

Analogous

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



82.4249, 86.2656, 109.6539



85.0076, 86.2656, 106.7783



86.8120, 86.2656, 100.4656

Triad

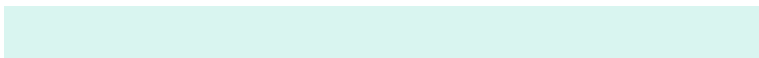
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0076, 86.2656, 106.7783



84.2447, 86.2656, 81.0290



76.8924, 86.2656, 95.1691

Complementary

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



85.0076, 86.2656, 106.7783



89.6139, 97.5336, 93.4639

Split Complementary

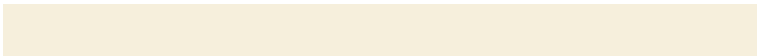
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3555, 86.2656, 87.6815



85.0076, 86.2656, 106.7783



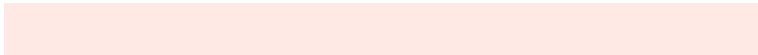
81.5624, 86.2656, 79.7835

Square

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



85.0076, 86.2656, 106.7783



86.3648, 86.2656, 85.6539



79.0503, 86.2656, 82.1534



77.7711, 86.2656, 102.7197

Rectangle

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



85.0076, 86.2656, 106.7783



87.3096, 86.2656, 95.3100



79.0503, 86.2656, 82.1534



76.8965, 86.2656, 92.5606

Sweetspot

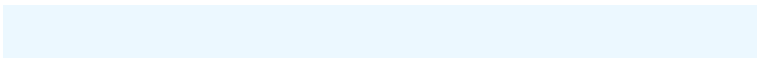
The Sweet Spot groups the original color and five complimentary colors.



85.0099, 86.2692, 106.7789



92.2692, 96.1832, 108.3098



86.2222, 92.2104, 107.8617



19.7786, 20.6272, 23.1889



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.



85.0099, 86.2692, 106.7789



83.0269, 83.5748, 106.3633



88.3615, 87.9970, 106.9357



17.6348, 17.7035, 22.7376



11.9894, 5.0912, 49.7854



1.2828, 0.5552, 4.8528

Inverse Universe

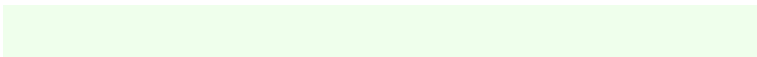
The Inverse Universe completely reimagines the original color for something new.



88.1809, 88.0317, 101.1542



86.8293, 85.6888, 99.5927



86.3420, 95.8469, 93.3108



18.4922, 18.1802, 21.2090



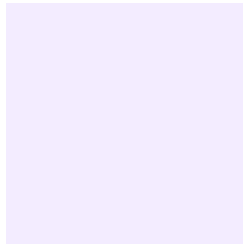
24.9881, 12.4845, 19.1198



2.4857, 1.2367, 2.1392

Previews

White Background



This preview shows how the XYZ color 85.0076, 86.2656, 106.7783 looks on a white background.

Color Contrast Check

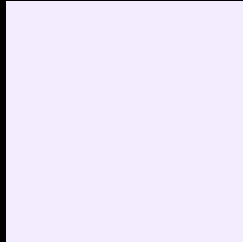
Large Text (above 18pt) WCAG AA × Fail

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 85.0076, 86.2656, 106.7783 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 85.0076, 86.2656, 106.7783

Background



This preview shows how black text looks on a background with the XYZ color 85.0076, 86.2656, 106.7783.



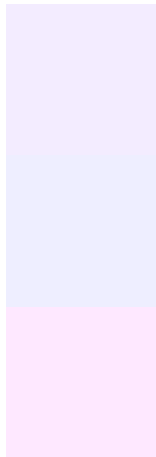
This preview shows how white text looks on a background with the XYZ color 85.0076, 86.2656,

106.783.

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

85.0076, 86.2656, 106.7783

Protanopia

83.8844, 86.5462, 106.8916

Deuteranopia

87.7797, 86.0041, 106.5817



Tritanopia

85.0076, 86.2656, 106.7783

Trichromacy



Original Color

85.0076, 86.2656, 106.7783

Protanomaly

84.2694, 86.3136, 106.8265

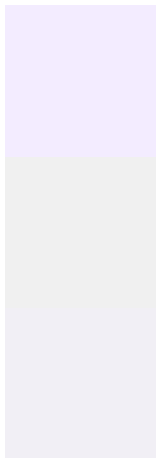
Deuteranomaly

86.6133, 85.8218, 106.6080

Tritanomaly

85.0076, 86.2656, 106.7783

Monochromacy



Original Color

85.0076, 86.2656, 106.7783

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.6236, 87.0263, 98.7765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0076, 86.2656, 106.7783 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(243, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.0076, 86.2656, 106.7783 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(243, 236, 255) }
```


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

```
.border{ border-color:rgb(243, 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(243, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0076, 86.2656, 106.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 236, 255) }
```

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

```
.background{ background-color: rgb(243,  
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](#).

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