

Converting Colors

XYZ(78.6859, 87.2294,
106.4173)

Have a look what the booklet for
XYZ(78.6859, 87.2294, 106.4173)
contains.

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Color

**XYZ(78.8695, 87.5144,
106.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F6FE
RGB	215, 246, 254
RGB Percent	84%, 96%, 100%
CMY	0.1569, 0.0353, 0.0039
CMYK	0.15, 0.03, 0.00, 0.00
HSL	192°, 95%, 92%
HSV	192°, 15%, 100%
XYZ	78.8695, 87.5144, 106.5010
YIQ	237.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

Format	Color
R_{YB}	215, 232, 254
Decimal	14153470
CIE _{Lab}	94.96, -8.41, -7.23
CIE _{LCh}	95, 11.087, 220.681
Yxy	87.5144, 0.2890, 0.3207
Android (android.graphics.Color)	4292343550 (0xFFD7F6FE)
YUV	237.6430, 8.0640, -19.8579
Hunter-Lab	93.5491, -13.2210, -2.0143

Details

The XYZ color **78.8695, 87.5144, 106.5010** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.5271, 78.7523, 75.3008**, and the grayscale version is **80.9455, 85.1609, 92.7403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9887, 48.3317, 59.8865** is the 20% darker color. If you saturate the color by 10%, you get **70.4209, 80.8425, 105.6599**, and if you desaturate by 10%, it is **88.5255, 94.8794, 107.4150**.

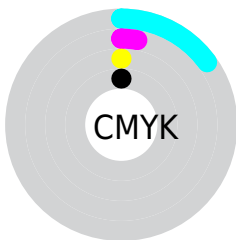
Distribution



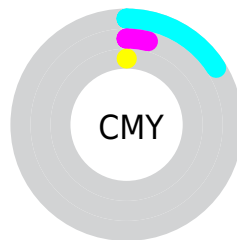
- Red (84%)
- Green (96%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8695, 87.5144, 106.5010 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 78.8695, 87.5144, 106.5010 by changing the saturation by 10% instead.

78.8695, 87.5144,
106.5010

78.8695, 87.5144,
106.5010

479.9095,
519.9117, 602.2642

59.0938, 65.9210,
81.0937

130.7340,
143.8809, 172.1922

42.9353, 48.2083,
60.0874

163.5535,
179.4228, 213.3133

30.0286, 33.9918,
43.0633

201.4517,
220.3829, 260.5094

20.0085, 22.8873,
29.6030

244.7938,
267.1458, 314.1991

12.5095, 14.5103,
19.2880

293.9453,
320.0957, 374.8009

7.1663, 8.4765,
11.6996

349.2715,

3.6136, 4.4013,

379.6170, 442.7333

6.4194

411.1378,
446.0942, 518.4149

■ 1.4859, 1.9005,
3.0289

■ 0.3162, 0.5487,
1.1094

■ 78.8695, 87.5144,
106.5010

■ 78.8695, 87.5144,
106.5010

■ 70.4209, 80.8425,
105.6599

■ 88.5255, 94.8794,
107.4150

■ 63.1185, 74.8245,
104.8832

94.8897, 99.9359,
108.0556

■ 56.9071, 69.4338,
104.1700

■ 51.7235, 64.6373,
103.5174

■ 47.4983, 60.3987,
102.9220

■ 44.1528, 56.6768,
102.3799

■ 41.5952, 53.4237,
101.8868

■ 39.7125, 50.5806,
101.4373

■ 38.9917, 49.3600,
101.2396

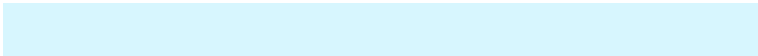
Harmonies

Analogous

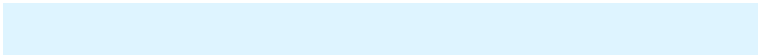
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6236, 87.5144, 98.3921



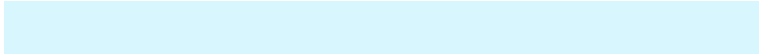
78.8695, 87.5144, 106.5010



81.2807, 87.5144, 111.7937

Triad

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



78.8695, 87.5144, 106.5010



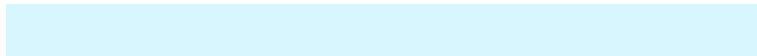
88.7593, 87.5144, 100.8750



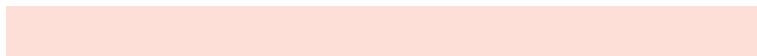
82.1122, 87.5144, 79.9174

Complementary

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



78.8695, 87.5144, 106.5010



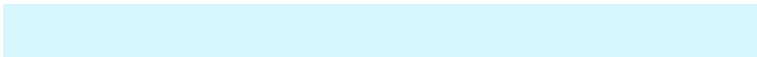
79.5271, 78.7523, 75.3008

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.



85.1083, 87.5144, 80.4931



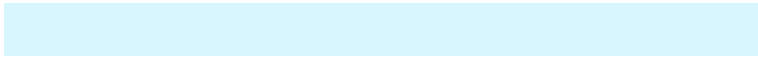
78.8695, 87.5144, 106.5010



88.9950, 87.5144, 92.2505

Square

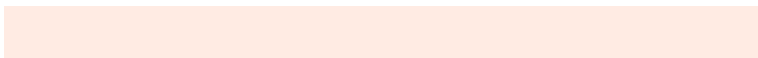
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8695, 87.5144, 106.5010



87.0080, 87.5144, 108.4126



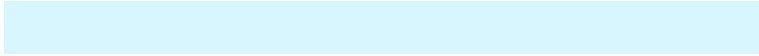
87.6444, 87.5144, 84.8916



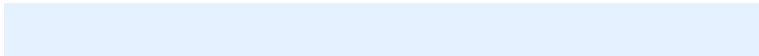
79.4656, 87.5144, 83.2684

Rectangle

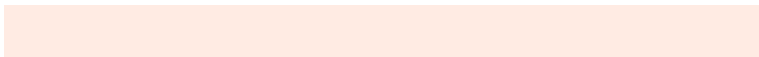
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



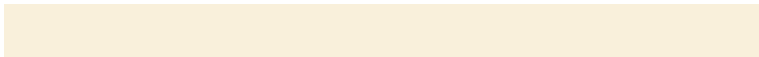
78.8695, 87.5144, 106.5010



83.2486, 87.5144, 112.8333



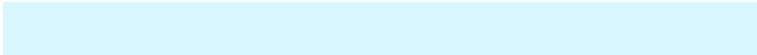
87.6444, 87.5144, 84.8916



83.1111, 87.5144, 79.6634

Sweetspot

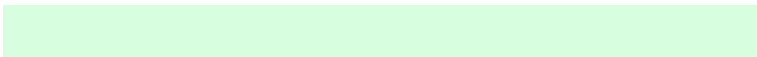
The Sweet Spot groups the original color and five complimentary colors.



78.8721, 87.5180, 106.5030



89.6855, 96.0049, 108.4116



76.7600, 90.6491, 83.1237



19.0405, 20.4319, 23.1902



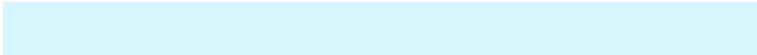
0.0000, 0.0000, 0.0000



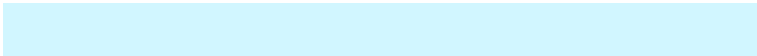
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8721, 87.5180, 106.5030



77.2036, 86.4515, 107.2255



73.3024, 76.3787, 104.6464



18.2200, 19.8116, 23.1137



20.6656, 26.2408, 53.4104



2.0882, 2.7070, 5.2257

Inverse Universe

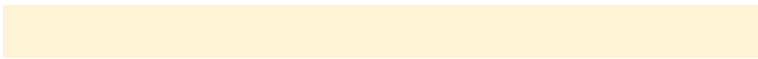
The Inverse Universe completely reimagines the original color for something new.



81.8101, 76.3274, 97.6138



80.6365, 73.5386, 96.8025



84.9817, 89.6617, 77.1190



18.6237, 18.2328, 21.9015



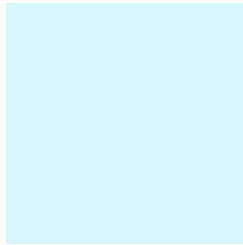
27.2192, 13.3770, 30.8687



2.6886, 1.3178, 3.2076

Previews

White Background



This preview shows how the XYZ color 78.8695, 87.5144, 106.5010 looks on a white background.

Color Contrast Check

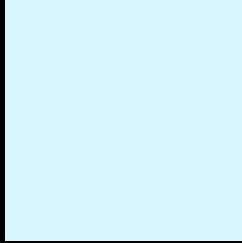
Large Text (above 18pt) WCAG AA × Fail

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 78.8695, 87.5144, 106.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

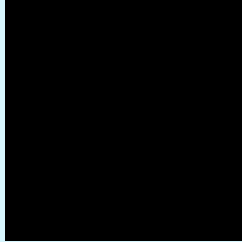
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8695, 87.5144, 106.5010

Background



This preview shows how black text looks on a background with the XYZ color 78.8695, 87.5144, 106.5010.

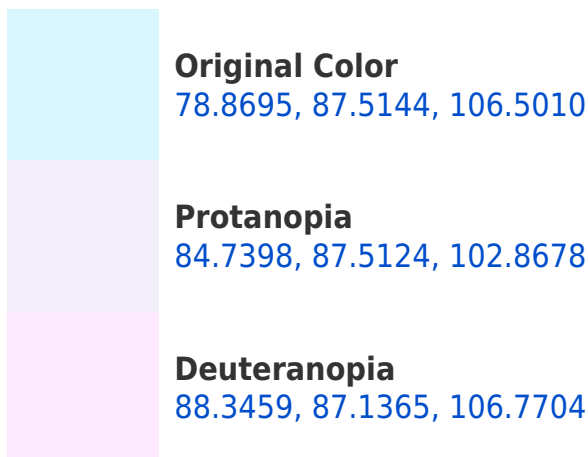


This preview shows how white text looks on a background with the XYZ color 78.8695, 87.5144,

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





Tritanopia

81.4646, 87.4899, 107.2013

Trichromacy



Original Color

78.8695, 87.5144, 106.5010

Protanomaly

82.4434, 87.6251, 103.8349

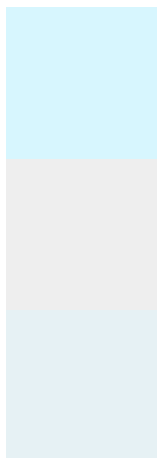
Deuteranomaly

84.5597, 86.8943, 106.9233

Tritanomaly

80.5249, 87.4510, 107.2434

Monochromacy



Original Color

78.8695, 87.5144, 106.5010

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4176, 86.2652, 98.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8695, 87.5144, 106.5010 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(215, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(215, 246, 254)  
}
```

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(215, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 246, 254) }
```

Border

The CSS property to change the border of an element to XYZ 78.8695, 87.5144, 106.5010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

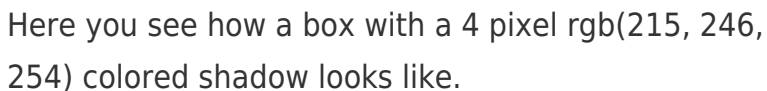
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 246, 254) }
```


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

```
.border{ border-color:rgb(215, 246, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 246, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 246, 254); box-shadow:4px 4px 4px 4px rgb(215, 246, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8695, 87.5144, 106.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 246, 254) }
```

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

```
.background{ background-color: rgb(215,  
246, 254) }
```

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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