

Converting Colors

XYZ(78.6582, 86.0450,
106.1372)

Have a look what the booklet for
XYZ(78.6582, 86.0450, 106.1372)
contains.

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Color

**XYZ(78.5553, 86.0087,
106.2270)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F3FE
RGB	217, 243, 254
RGB Percent	85%, 95%, 100%
CMY	0.1490, 0.0470, 0.0039
CMYK	0.15, 0.04, 0.00, 0.00
HSL	198°, 95%, 92%
HSV	198°, 15%, 100%
XYZ	78.5553, 86.0087, 106.2270
YIQ	236.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

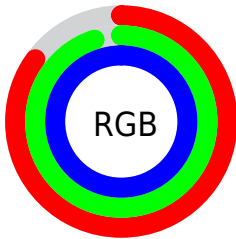
Format	Color
R _Y B	217, 232, 254
Decimal	14283774
CIE Lab	94.32, -6.27, -8.16
CIE LCh	94, 10.293, 232.445
Yxy	86.0087, 0.2901, 0.3176
Android (android.graphics.Color)	4292473854 (0xFFD9F3FE)
YUV	236.4800, 8.6374, -17.0840
Hunter-Lab	92.7409, -11.0998, -2.9932

Details

The XYZ color **78.5553, 86.0087, 106.2270** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.1415, 81.5672, 77.1148**, and the grayscale version is **80.0451, 84.2136, 91.7086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7487, 47.2532, 59.6910** is the 20% darker color. If you saturate the color by 10%, you get **69.3664, 77.9887, 105.1647**, and if you desaturate by 10%, it is **89.0041, 94.8207, 107.3785**.

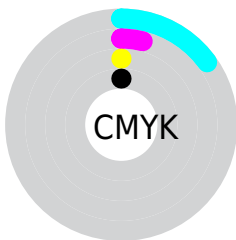
Distribution



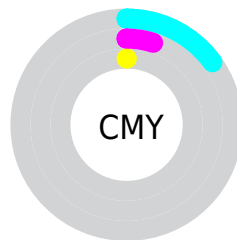
- Red (85%)
- Green (95%)
- Blue (100%)



- Red (85%)
- Yellow (91%)
- Blue (100%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5553, 86.0087, 106.2270 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 78.5553, 86.0087, 106.2270 by changing the saturation by 10% instead.

78.5553, 86.0087,
106.2270

78.5553, 86.0087,
106.2270

478.8617,
514.9599, 601.3942

58.8346, 64.6752,
80.8653

130.2939,
141.7816, 171.8148

42.7259, 47.1977,
59.9003

163.0424,
176.9898, 212.8779

29.8637, 33.1920,
42.9135

200.8644,
217.5917, 260.0119

19.8827, 22.2736,
29.4864

244.1250,
263.9716, 313.6353

12.4176, 14.0581,
19.2003

293.1897,
316.5140, 374.1667

7.1029, 8.1611,
11.6368

348.4238,

3.5735, 4.1982,

375.6032, 442.0247

6.3774

410.1927,
441.6237, 517.6276

■ 1.4638, 1.7850,
3.0034

■ 0.3010, 0.4778,
1.0964

■ 78.5553, 86.0087,
106.2270

■ 78.5553, 86.0087,
106.2270

■ 69.3664, 77.9887,
105.1647

■ 89.0041, 94.8207,
107.3785

■ 61.3758, 70.7204,
104.1829

94.8897, 99.9359,
108.0557

■ 54.5277, 64.1757,
103.2806

■ 48.7590, 58.3203,
102.4544

■ 43.9997, 53.1166,
101.7008

■ 40.1713, 48.5221,
101.0158

■ 37.1824, 44.4880,
100.3947

■ 34.9213, 40.9549,
99.8319

■ 33.9118, 39.2002,
99.5464

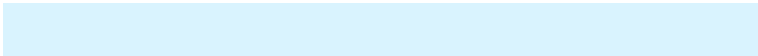
Harmonies

Analogous

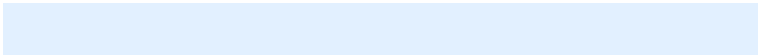
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9395, 86.0087, 99.5747



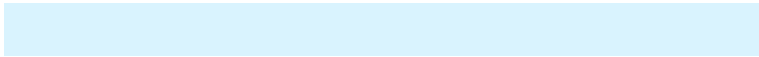
78.5553, 86.0087, 106.2270



81.0527, 86.0087, 109.5443

Triad

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



78.5553, 86.0087, 106.2270



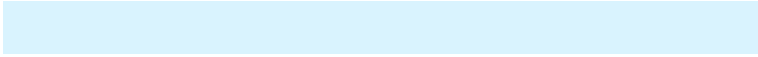
87.1253, 86.0087, 95.6621



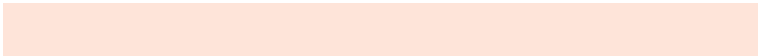
79.7384, 86.0087, 80.2874

Complementary

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



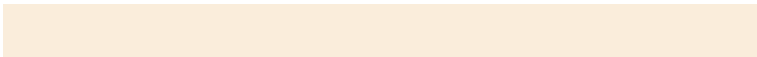
78.5553, 86.0087, 106.2270



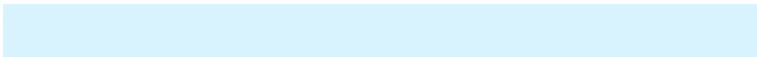
81.1415, 81.5672, 77.1148

Split Complementary

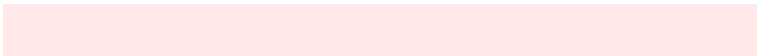
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4487, 86.0087, 79.3706



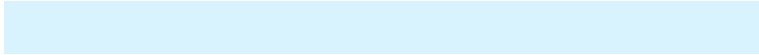
78.5553, 86.0087, 106.2270



86.7543, 86.0087, 87.9629

Square

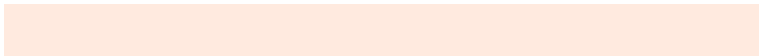
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5553, 86.0087, 106.2270



86.0301, 86.0087, 103.2253



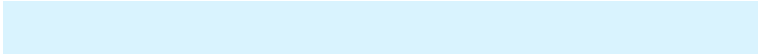
85.0275, 86.0087, 82.1050



77.6117, 86.0087, 84.6838

Rectangle

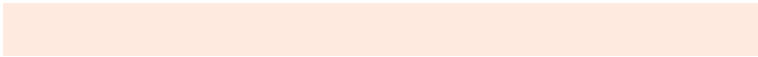
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5553, 86.0087, 106.2270



82.8981, 86.0087, 109.2944



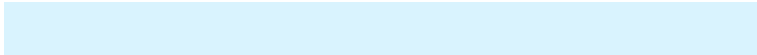
85.0275, 86.0087, 82.1050



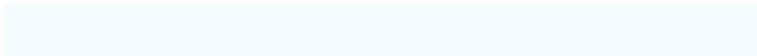
80.6099, 86.0087, 79.5725

Sweetspot

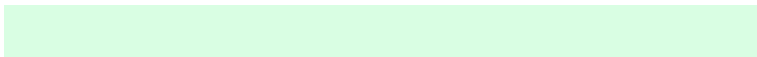
The Sweet Spot groups the original color and five complimentary colors.



78.5578, 86.0123, 106.2289



90.4370, 96.1975, 108.4092



77.9906, 91.2097, 86.5196



19.1766, 20.4403, 23.1846



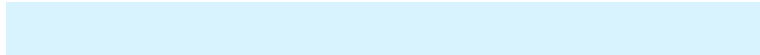
0.0000, 0.0000, 0.0000



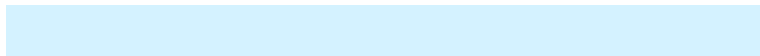
20.3446, 21.4041, 23.3091

Same Dimension

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



78.5578, 86.0123, 106.2289



76.8873, 84.7385, 106.9115



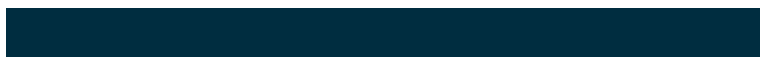
73.4360, 75.7686, 104.5217



18.0723, 19.5162, 23.0644



18.0133, 20.9361, 52.5263



1.8492, 2.2291, 5.1461

Inverse Universe

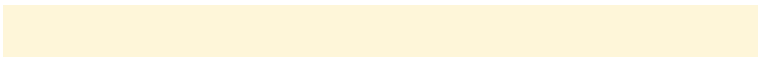
The Inverse Universe completely reimagines the original color for something new.



81.8656, 77.1695, 95.3786



80.7405, 74.5899, 94.2376



86.3496, 91.9835, 78.8508



18.5491, 18.2030, 21.5088



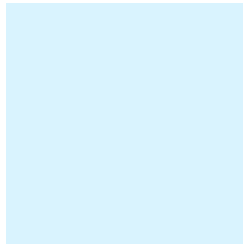
25.8805, 12.8415, 23.8187



2.5680, 1.2696, 2.5725

Previews

White Background



This preview shows how the XYZ color 78.5553, 86.0087, 106.2270 looks on a white background.

Color Contrast Check

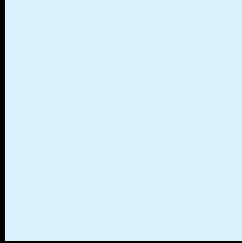
Large Text (above 18pt) WCAG AA × Fail

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 78.5553, 86.0087, 106.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

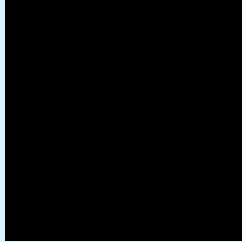
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

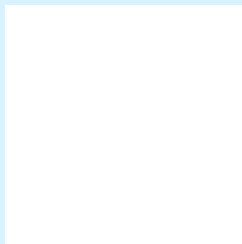
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5553, 86.0087, 106.2270

Background



This preview shows how black text looks on a background with the XYZ color 78.5553, 86.0087, 106.2270.



This preview shows how white text looks on a background with the XYZ color 78.5553, 86.0087,

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

78.5553, 86.0087, 106.2270

Protanopia

83.1361, 85.8212, 102.6259

Deuteranopia

87.0515, 85.6287, 106.5476



Tritanopia

80.2458, 85.9779, 106.9737

Trichromacy



Original Color

78.5553, 86.0087, 106.2270

Protanomaly

81.2341, 85.6870, 103.5245

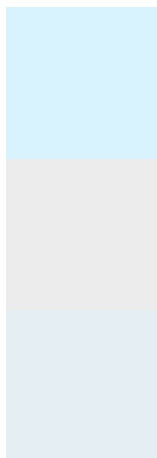
Deuteranomaly

83.6421, 85.5616, 106.7144

Tritanomaly

79.6209, 86.0964, 107.0295

Monochromacy



Original Color

78.5553, 86.0087, 106.2270

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.3573, 84.8621, 96.9915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5553, 86.0087, 106.2270 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(217, 243, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 243, 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(217, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 243, 254) }
```

Border

The CSS property to change the border of an element to XYZ 78.5553, 86.0087, 106.2270 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(217, 243, 254) }
```


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

```
.border{ border-color:rgb(217, 243, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 243,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5553, 86.0087, 106.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 243, 254) }
```

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

```
.background{ background-color: rgb(217,  
243, 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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