

Converting Colors

XYZ(78.4943, 82.9422,
106.4801)

Have a look what the booklet for
XYZ(78.4943, 82.9422, 106.4801)
contains.

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Color

**XYZ(78.4769, 82.8989,
106.4727)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE0FF
RGB	223, 236, 255
RGB Percent	87%, 93%, 100%
CMY	0.1255, 0.0745, 0.0000
CMYK	0.13, 0.07, 0.00, 0.00
HSL	216°, 100%, 94%
HSV	216°, 13%, 100%
XYZ	78.4769, 82.8989, 106.4727
YIQ	234.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

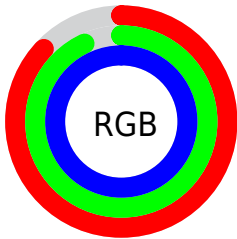
Format	Color
R _Y B	223, 232, 255
Decimal	14675199
CIE Lab	92.97, -0.63, -10.63
CIE LCh	93, 10.652, 266.616
Yxy	82.8989, 0.2930, 0.3095
Android (android.graphics.Color)	4292865279 (0xFFDFE0FF)
YUV	234.2790, 10.2155, -9.8917
Hunter-Lab	91.0488, -5.4826, -5.5997

Details

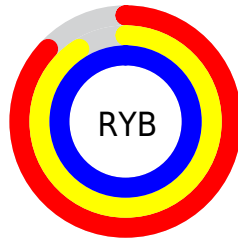
The XYZ color **78.4769, 82.8989, 106.4727** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.3109, 90.0904, 82.6538**, and the grayscale version is **78.3525, 82.4329, 89.7695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6627, 45.0446, 59.8720** is the 20% darker color. If you saturate the color by 10%, you get **67.0292, 70.8013, 104.7409**, and if you desaturate by 10%, it is **91.4815, 96.3520, 108.3839**.

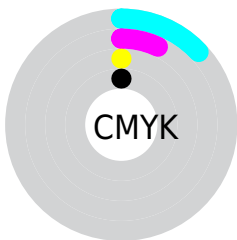
Distribution



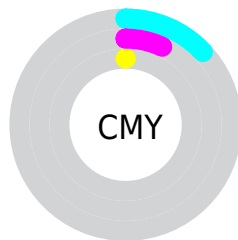
- Red (87%)
- Green (93%)
- Blue (100%)



- Red (87%)
- Yellow (91%)
- Blue (100%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4769, 82.8989, 106.4727 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 78.4769, 82.8989, 106.4727 by changing the saturation by 10% instead.

■ 78.4769, 82.8989,
106.4727

■ 78.4769, 82.8989,
106.4727

478.6000,
504.6495, 602.1744

■ 58.7700, 62.1068,
81.0702

130.1840,
137.4339, 172.1533

■ 42.6736, 45.1190,
60.0680

162.9149,
171.9454, 213.2684

■ 29.8225, 31.5511,
43.0478

200.7178,
211.7990, 260.4581

■ 19.8513, 21.0189,
29.5910

243.9580,
257.3788, 314.1409

■ 12.3947, 13.1378,
19.2789

293.0010,
309.0694, 374.7354

■ 7.0872, 7.5235,
11.6931

348.2121,

■ 3.5635, 3.7916,

367.2551, 442.6601

6.4151

409.9567,
432.3204, 518.3336

■ 1.4583, 1.5577,
3.0262

■ 0.2972, 0.3288,
1.1081

■ 78.4769, 82.8989,
106.4727

■ 78.4769, 82.8989,
106.4727

■ 67.0292, 70.8013,
104.7409

■ 91.4815, 96.3520,
108.3839

■ 57.0702, 60.0037,
103.1817

95.0500, 100.0000,
108.9000

■ 48.5356, 50.4613,
101.7896

■ 41.3542, 42.1225,
100.5586

■ 35.4476, 34.9317,
99.4819

■ 30.7289, 28.8280,
98.5525

■ 27.0987, 23.7432,
97.7624

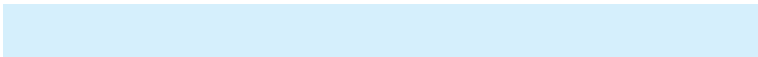
■ 24.4385, 19.5982,
97.1025

■ 22.9626, 17.0452,
96.6875

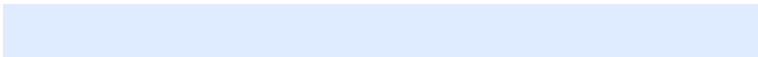
Harmonies

Analogous

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



75.8798, 82.8989, 103.6990



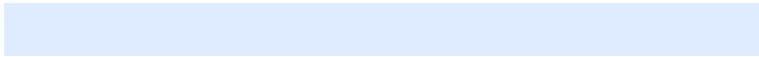
78.4769, 82.8989, 106.4727



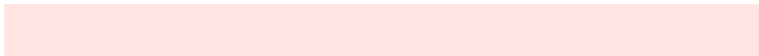
81.2191, 82.8989, 104.6962

Triad

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



78.4769, 82.8989, 106.4727



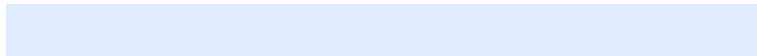
83.6834, 82.8989, 83.5578



74.4009, 82.8989, 82.0757

Complementary

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



78.4769, 82.8989, 106.4727



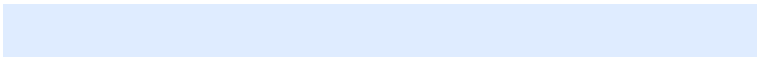
86.3109, 90.0904, 82.6538

Split Complementary

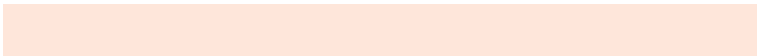
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4156, 82.8989, 77.2209



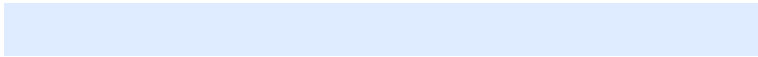
78.4769, 82.8989, 106.4727



81.7796, 82.8989, 78.0405

Square

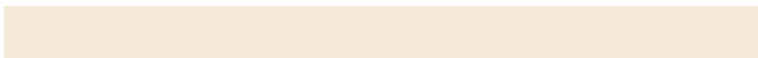
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4769, 82.8989, 106.4727



84.2664, 82.8989, 91.1721



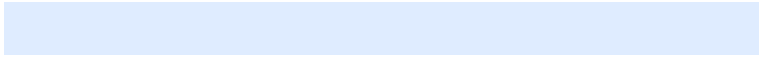
79.1098, 82.8989, 75.7878



73.5617, 82.8989, 89.3596

Rectangle

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



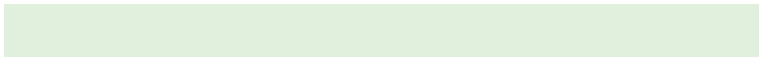
78.4769, 82.8989, 106.4727



82.7535, 82.8989, 101.2245



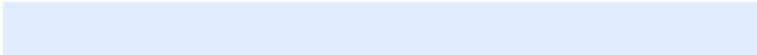
79.1098, 82.8989, 75.7878



74.9607, 82.8989, 80.1225

Sweetspot

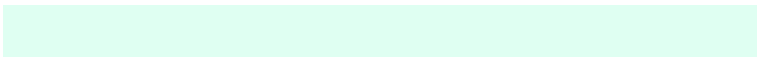
The Sweet Spot groups the original color and five complimentary colors.



78.4791, 82.9023, 106.4732



89.4951, 94.3139, 108.0952



82.1693, 93.5992, 97.4786



18.9382, 19.9635, 23.1051



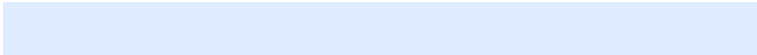
0.0000, 0.0000, 0.0000



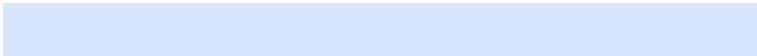
20.3446, 21.4041, 23.3091

Same Dimension

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



78.4791, 82.9023, 106.4732



75.5304, 79.8121, 106.0321



75.6986, 76.1118, 105.3091



17.6090, 18.5897, 22.9100



12.1359, 9.1814, 50.5671



1.2856, 1.1020, 4.9582

Inverse Universe

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



82.7694, 80.0930, 90.4579



80.5957, 76.5998, 87.1002



89.3454, 97.6056, 83.9444



18.3153, 18.1094, 20.2776



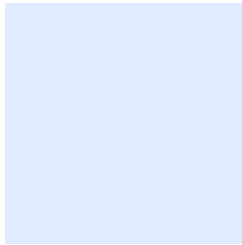
22.9139, 11.6548, 8.1968



2.2835, 1.1558, 1.0745

Previews

White Background



This preview shows how the XYZ color 78.4769, 82.8989, 106.4727 looks on a white background.

Color Contrast Check

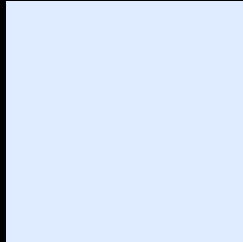
Large Text (above 18pt) WCAG AA × Fail

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 78.4769, 82.8989, 106.4727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

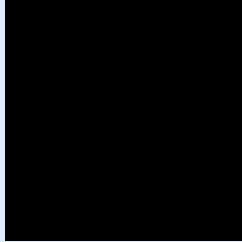
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

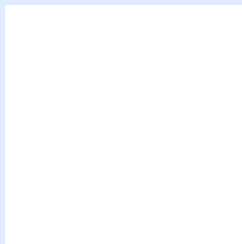
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4769, 82.8989, 106.4727

Background



This preview shows how black text looks on a background with the XYZ color 78.4769, 82.8989, 106.4727.



This preview shows how white text looks on a background with the XYZ color 78.4769, 82.8989,

106.4727.

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

78.4769, 82.8989, 106.4727

Protanopia

80.4728, 82.6933, 104.6485

Deuteranopia

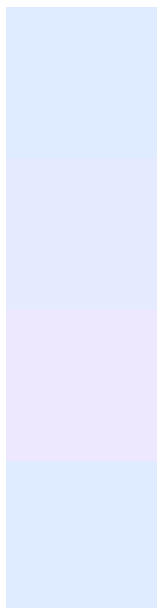
84.0753, 82.8515, 106.1684



Tritanopia

78.4769, 82.8989, 106.4727

Trichromacy



Original Color

78.4769, 82.8989, 106.4727

Protanomaly

79.6253, 82.6594, 105.5241

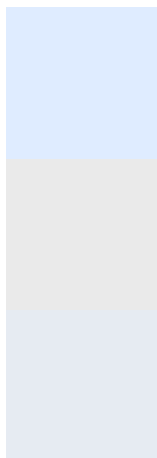
Deuteranomaly

82.1665, 83.1104, 106.3190

Tritanomaly

78.4769, 82.8989, 106.4727

Monochromacy



Original Color

78.4769, 82.8989, 106.4727

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.3685, 82.6505, 95.8271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4769, 82.8989, 106.4727 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(223, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.4769, 82.8989, 106.4727 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(223, 236, 255) }
```


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

```
.border{ border-color:rgb(223, 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(223, 236, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4769, 82.8989, 106.4727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 255) }
```

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

```
.background{ background-color: rgb(223,  
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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