

Converting Colors

XYZ(79.0364, 90.0078,
106.5999)

Have a look what the booklet for
XYZ(79.0364, 90.0078, 106.5999)
contains.

XYZ(78.9649, 89.8518, 106.9472)	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(78.9649, 89.8518,
106.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FBFE
RGB	210, 251, 254
RGB Percent	82%, 98%, 100%
CMY	0.1765, 0.0157, 0.0039
CMYK	0.17, 0.01, 0.00, 0.00
HSL	184°, 96%, 91%
HSV	184°, 17%, 100%
XYZ	78.9649, 89.8518, 106.9472
YIQ	239.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

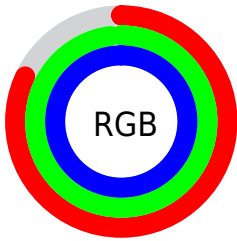
Format	Color
R _Y B	210, 231, 254
Decimal	13827070
CIE Lab	95.94, -12.44, -5.82
CIE LCh	96, 13.732, 205.058
Yxy	89.8518, 0.2863, 0.3258
Android (android.graphics.Color)	4292017150 (0xFFD2FBFE)
YUV	239.0830, 7.3541, -25.5058
Hunter-Lab	94.7902, -17.1835, -0.5409

Details

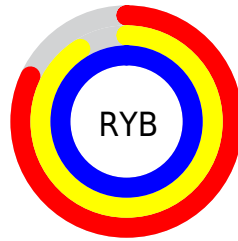
The XYZ color **78.9649, 89.8518, 106.9472** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.3008, 73.3123, 71.1035**, and the grayscale version is **82.0696, 86.3436, 94.0281**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8874, 49.5834, 60.1335** is the 20% darker color. If you saturate the color by 10%, you get **71.7623, 85.3425, 106.4579**, and if you desaturate by 10%, it is **87.3254, 94.9700, 107.4959**.

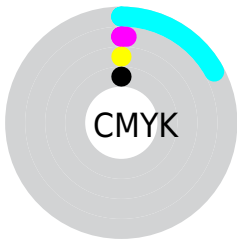
Distribution



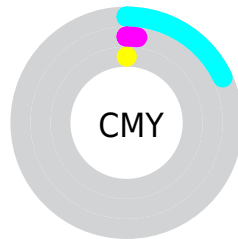
- Red (82%)
- Green (98%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9649, 89.8518, 106.9472 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 78.9649, 89.8518, 106.9472 by changing the saturation by 10% instead.

78.9649, 89.8518,
106.9472

78.9649, 89.8518,
106.9472

480.2274,
527.5486, 603.6796

59.1725, 67.8577,
81.4659

130.8676,
147.1325, 172.8068

42.9989, 49.7820,
60.3921

163.7087,
183.1880, 214.0221

30.0788, 35.2402,
43.3074

201.6299,
224.6993, 261.3192

20.0467, 23.8480,
29.7932

244.9968,
272.0510, 315.1165

12.5375, 15.2209,
19.4310

294.1746,
325.6274, 375.8327

7.1856, 8.9746,
11.8021

349.5288,

3.6258, 4.7246,

385.8128, 443.8863

6.4882

411.4246,
452.9918, 519.6957

■ 1.4927, 2.0866,
3.0706

■ 0.3209, 0.6571,
1.1308

■ 78.9649, 89.8518,
106.9472

■ 78.9649, 89.8518,
106.9472

■ 71.7623, 85.3425,
106.4579

■ 87.3254, 94.9700,
107.4959

■ 65.6557, 81.4032,
106.0194

94.7192, 99.5949,
107.9989

■ 60.5894, 78.0075,
105.6310

94.8897, 99.9359,
108.0557

■ 56.4995, 75.1224,
105.2896

■ 53.3153, 72.7114,
104.9921

■ 50.9563, 70.7331,
104.7346

■ 49.3278, 69.1386,
104.5126

■ 48.3073, 67.8647,
104.3205

■ 48.0881, 67.5527,
104.2719

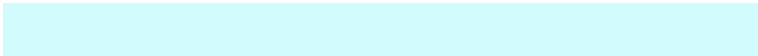
Harmonies

Analogous

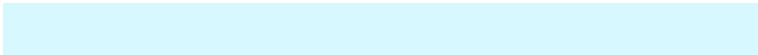
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3409, 89.8518, 96.0454



78.9649, 89.8518, 106.9472



81.2929, 89.8518, 115.9695

Triad

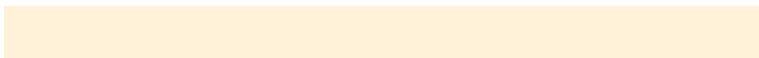
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9649, 89.8518, 106.9472



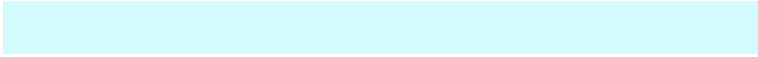
91.5192, 89.8518, 110.2879



86.0311, 89.8518, 78.4681

Complementary

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



78.9649, 89.8518, 106.9472



76.3008, 73.3123, 71.1035

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.



89.6462, 89.8518, 81.6940



78.9649, 89.8518, 106.9472



92.8739, 89.8518, 99.6433

Square

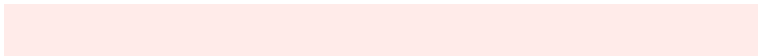
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9649, 89.8518, 106.9472



88.5271, 89.8518, 117.9961



92.1786, 89.8518, 89.2525



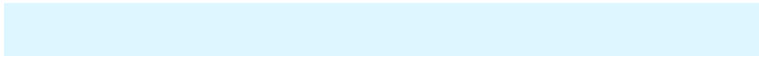
82.3502, 89.8518, 80.1091

Rectangle

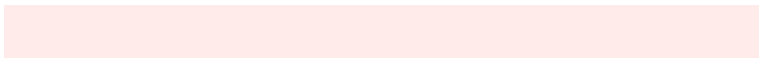
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



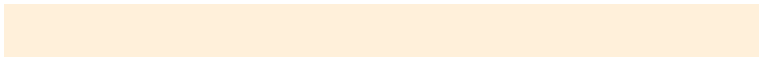
78.9649, 89.8518, 106.9472



83.5351, 89.8518, 119.4289



92.1786, 89.8518, 89.2525



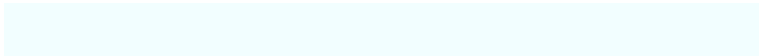
87.2954, 89.8518, 79.0119

Sweetspot

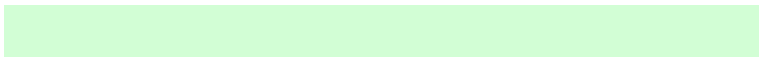
The Sweet Spot groups the original color and five complimentary colors.



78.9675, 89.8555, 106.9492



90.2374, 97.1087, 108.5956



74.0235, 89.3875, 76.2600



19.1750, 20.7011, 23.2350



0.0000, 0.0000, 0.0000



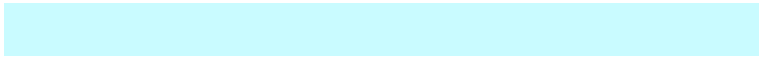
20.3446, 21.4041, 23.3091

Same Dimension

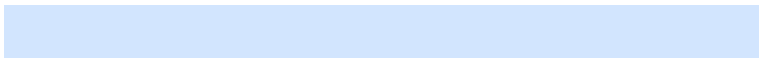
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9675, 89.8555, 106.9492



76.8661, 88.9151, 107.7188



72.5070, 76.9345, 104.7957



18.4427, 20.2571, 23.1879



25.3968, 35.7031, 54.9874



2.5034, 3.5374, 5.3641

Inverse Universe

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



81.3343, 74.1309, 101.2930



79.7000, 70.2307, 100.9141



82.1967, 85.1041, 73.0688



18.7361, 18.2778, 22.4935



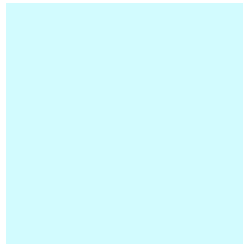
29.6073, 14.3322, 43.4441



2.8982, 1.4016, 4.3112

Previews

White Background



This preview shows how the XYZ color 78.9649, 89.8518, 106.9472 looks on a white background.

Color Contrast Check

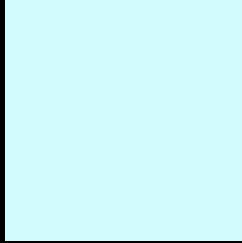
Large Text (above 18pt) WCAG AA × Fail

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 78.9649, 89.8518, 106.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

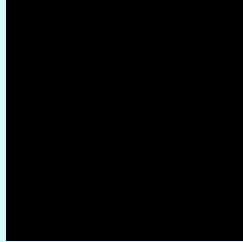
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

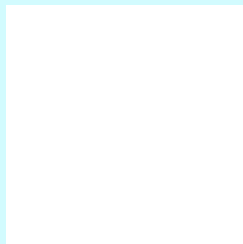
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9649, 89.8518, 106.9472

Background



This preview shows how black text looks on a background with the XYZ color 78.9649, 89.8518, 106.9472.



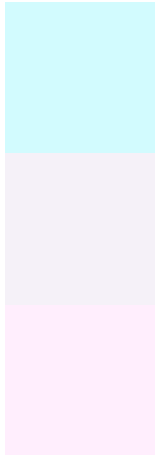
This preview shows how white text looks on a background with the XYZ color 78.9649, 89.8518,

106.9472.

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

78.9649, 89.8518, 106.9472

Protanopia

86.0548, 89.1004, 101.4695

Deuteranopia

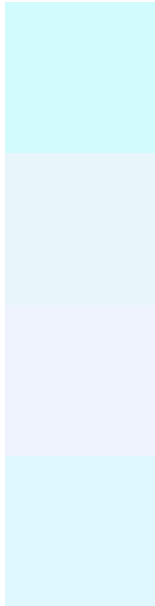
89.5442, 89.5009, 105.4844



Tritanopia

83.6389, 89.9545, 107.5625

Trichromacy



Original Color

78.9649, 89.8518, 106.9472

Protanomaly

83.1864, 89.3627, 103.3068

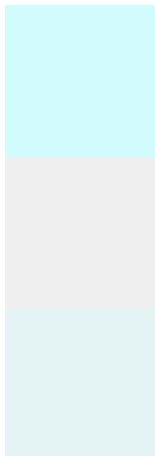
Deuteranomaly

85.3768, 89.5438, 105.7123

Tritanomaly

82.0488, 90.0428, 107.6633

Monochromacy



Original Color

78.9649, 89.8518, 106.9472

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.3746, 87.1268, 98.1689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9649, 89.8518, 106.9472 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(210, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 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(210, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 254) }
```

Border

The CSS property to change the border of an element to XYZ 78.9649, 89.8518, 106.9472 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(210, 251, 254) }
```


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

```
.border{ border-color:rgb(210, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9649, 89.8518, 106.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 254) }
```

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

```
.background{ background-color: rgb(210,  
251, 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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