

Converting Colors

XYZ(76.3263, 83.1719,
108.2065)

Have a look what the booklet for
XYZ(76.3263, 83.1719, 108.2065)
contains.

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Color

**XYZ(76.0679, 82.9501,
106.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EFFF
RGB	212, 239, 255
RGB Percent	83%, 94%, 100%
CMY	0.1686, 0.0627, 0.0000
CMYK	0.17, 0.06, 0.00, 0.00
HSL	202°, 100%, 92%
HSV	202°, 17%, 100%
XYZ	76.0679, 82.9501, 106.6095
YIQ	232.7510, -21.2280, -0.7480

Conversions

Conversions Part 2

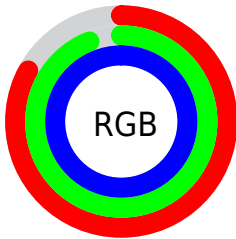
Format	Color
R _Y B	212, 229, 255
Decimal	13955071
CIE Lab	92.99, -5.58, -10.68
CIE LCh	93, 12.048, 242.435
Yxy	82.9501, 0.2864, 0.3123
Android (android.graphics.Color)	4292145151 (0xFFD4EFFF)
YUV	232.7510, 10.9688, -18.1986
Hunter-Lab	91.0769, -10.3006, -5.6476

Details

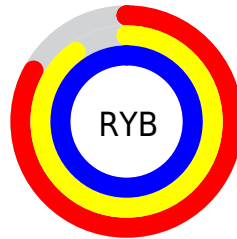
The XYZ color **76.0679, 82.9501, 106.6095** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.8667, 81.4990, 73.7578**, and the grayscale version is **77.1984, 81.2187, 88.4472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0312, 45.1123, 59.9710** is the 20% darker color. If you saturate the color by 10%, you get **66.5852, 74.0485, 105.3911**, and if you desaturate by 10%, it is **86.8616, 92.7483, 107.9319**.

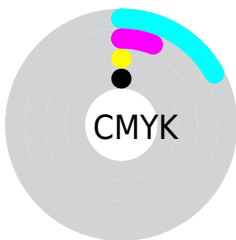
Distribution



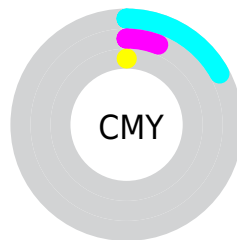
- Red (83%)
- Green (94%)
- Blue (100%)



- Red (83%)
- Yellow (90%)
- Blue (100%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0679, 82.9501, 106.6095 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 76.0679, 82.9501, 106.6095 by changing the saturation by 10% instead.

76.0679, 82.9501,
106.6095

76.0679, 82.9501,
106.6095

470.5209,
504.8202, 602.6086

56.7854, 62.1490,
81.1842

126.8027,
137.5056, 172.3417

41.0725, 45.1531,
60.1615

158.9858,
172.0287, 213.4857

28.5636, 31.5780,
43.1226

196.1998,
211.8947, 260.7064

18.8936, 21.0394,
29.6492

238.8101,
257.4878, 314.4223

11.6970, 13.1528,
19.3227

287.1819,
309.1925, 375.0519

6.6084, 7.5339,
11.7245

341.6808,

3.2626, 3.7982,

367.3932, 443.0138

6.4361

402.6720,
432.4743, 518.7265

■ 1.2941, 1.5613,
3.0390

■ 0.1788, 0.3313,
1.1146

■ 76.0679, 82.9501,
106.6095

■ 76.0679, 82.9501,
106.6095

■ 66.5852, 74.0485,
105.3911

■ 86.8616, 92.7483,
107.9319

■ 58.3504, 66.0012,
104.2719

95.0500, 100.0000,
108.9000

■ 51.3047, 58.7766,
103.2487

■ 45.3817, 52.3371,
102.3179

■ 40.5079, 46.6413,
101.4754

■ 36.6001, 41.6425,
100.7165

■ 33.5611, 37.2871,
100.0360

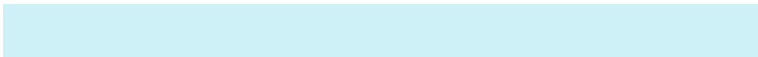
■ 31.2683, 33.5079,
99.4274

■ 30.6453, 32.4105,
99.2484

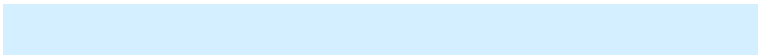
Harmonies

Analogous

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



73.8323, 82.9501, 99.9594



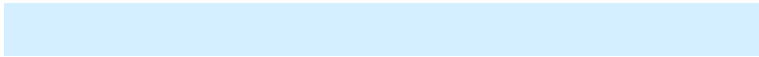
76.0679, 82.9501, 106.6095



79.0995, 82.9501, 108.8094

Triad

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



76.0679, 82.9501, 106.6095



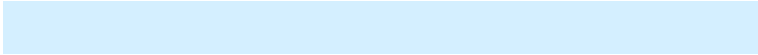
85.0582, 82.9501, 89.5826



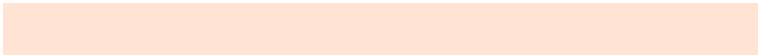
75.6330, 82.9501, 76.4363

Complementary

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



76.0679, 82.9501, 106.6095



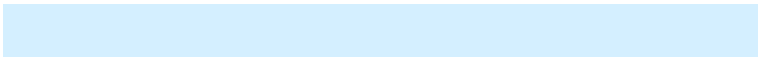
80.8667, 81.4990, 73.7578

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.



78.5842, 82.9501, 74.0511



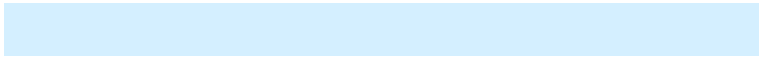
76.0679, 82.9501, 106.6095



84.0725, 82.9501, 81.3185

Square

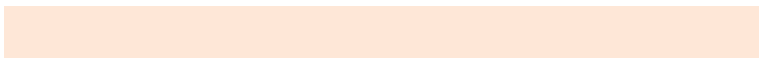
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



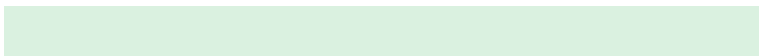
76.0679, 82.9501, 106.6095



84.3417, 82.9501, 98.5980



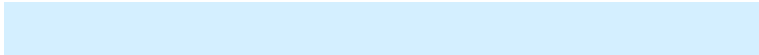
81.6819, 82.9501, 75.7780



73.5859, 82.9501, 82.5161

Rectangle

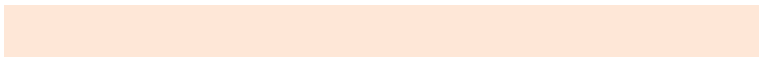
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0679, 82.9501, 106.6095



81.1791, 82.9501, 107.3452



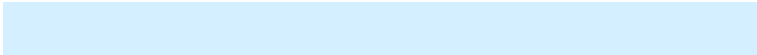
81.6819, 82.9501, 75.7780



76.5494, 82.9501, 75.1949

Sweetspot

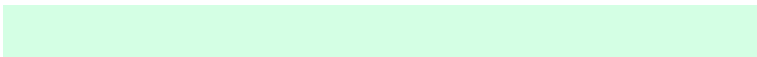
The Sweet Spot groups the original color and five complimentary colors.



76.0701, 82.9534, 106.6100



89.0194, 94.6726, 108.1896



76.8835, 91.1060, 86.7633



18.8783, 20.1076, 23.1361



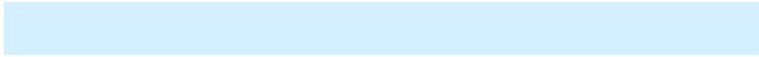
0.0000, 0.0000, 0.0000



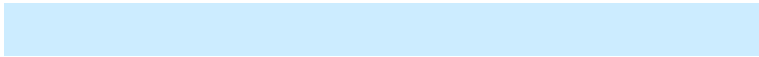
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0701, 82.9534, 106.6100



72.9554, 80.0645, 106.2166



70.2050, 71.2232, 104.6550



17.9537, 19.2790, 23.0249



16.1607, 17.2310, 51.9087



1.6783, 1.8873, 5.0891

Inverse Universe

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



80.3649, 74.5805, 91.8251



77.9773, 70.5035, 88.8771



87.0823, 93.9301, 75.8296



18.4893, 18.1790, 21.1937



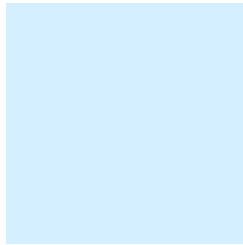
24.9454, 12.4674, 18.8947



2.4817, 1.2351, 2.1182

Previews

White Background



This preview shows how the XYZ color 76.0679, 82.9501, 106.6095 looks on a white background.

Color Contrast Check

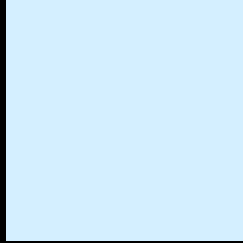
Large Text (above 18pt) WCAG AA × Fail

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 76.0679, 82.9501, 106.6095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

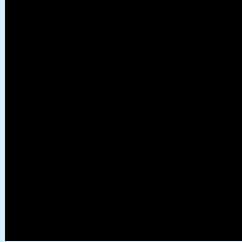
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

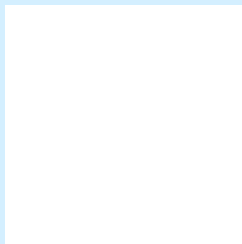
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0679, 82.9501, 106.6095

Background



This preview shows how black text looks on a background with the XYZ color 76.0679, 82.9501, 106.6095.



This preview shows how white text looks on a background with the XYZ color 76.0679, 82.9501,

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

76.0679, 82.9501, 106.6095

Protanopia

80.4832, 82.7353, 102.9944

Deuteranopia

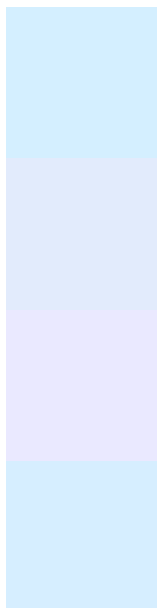
84.0753, 82.8515, 106.1684



Tritanopia

76.6489, 82.8161, 106.5530

Trichromacy



Original Color

76.0679, 82.9501, 106.6095

Protanomaly

78.6430, 82.6137, 103.8966

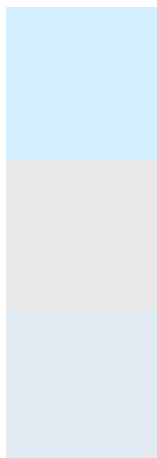
Deuteranomaly

81.1206, 82.9903, 106.3509

Tritanomaly

76.3561, 82.6652, 106.5393

Monochromacy



Original Color

76.0679, 82.9501, 106.6095

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6369, 81.7751, 94.9641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0679, 82.9501, 106.6095 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(212, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 239, 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(212, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.0679, 82.9501, 106.6095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

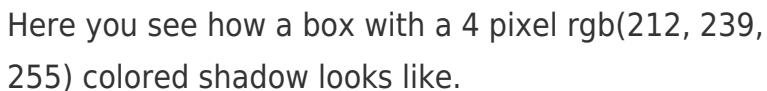
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 239, 255) }
```


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

```
.border{ border-color:rgb(212, 239, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 239, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 239, 255); box-shadow:4px 4px 4px 4px rgb(212, 239, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0679, 82.9501, 106.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 239, 255) }
```

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

```
.background{ background-color: rgb(212,  
239, 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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