

Converting Colors

XYZ(76.9040, 82.9670,
109.0011)

Have a look what the booklet for
XYZ(76.9040, 82.9670, 109.0011)
contains.

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Color

**XYZ(76.3561, 82.6652,
106.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EEFF
RGB	214, 238, 255
RGB Percent	84%, 93%, 100%
CMY	0.1608, 0.0666, 0.0000
CMYK	0.16, 0.07, 0.00, 0.00
HSL	205°, 100%, 92%
HSV	205°, 16%, 100%
XYZ	76.3561, 82.6652, 106.5393
YIQ	232.7620, -19.7610, 0.1990

Conversions

Conversions Part 2

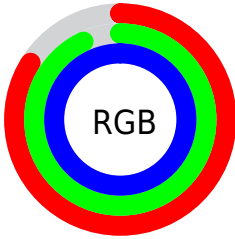
Format	Color
R _Y B	214, 229, 255
Decimal	14085887
CIE Lab	92.87, -4.45, -10.85
CIE LCh	93, 11.729, 247.698
Yxy	82.6652, 0.2875, 0.3113
Android (android.graphics.Color)	4292275967 (0xFFD6EEFF)
YUV	232.7620, 10.9633, -16.4543
Hunter-Lab	90.9204, -9.2042, -5.8309

Details

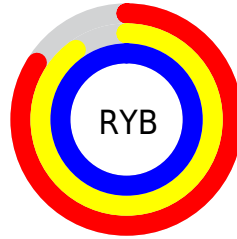
The XYZ color **76.3561, 82.6652, 106.5393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.9532, 83.2656, 75.3725**, and the grayscale version is **77.2059, 81.2266, 88.4558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2191, 44.9040, 59.9210** is the 20% darker color. If you saturate the color by 10%, you get **66.5011, 73.1514, 105.2224**, and if you desaturate by 10%, it is **87.5612, 93.1477, 107.9721**.

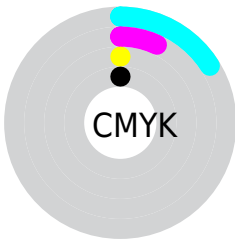
Distribution



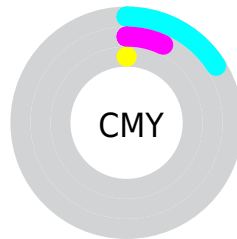
- Red (84%)
- Green (93%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3561, 82.6652, 106.5393 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 76.3561, 82.6652, 106.5393 by changing the saturation by 10% instead.

■ 76.3561, 82.6652,
106.5393

■ 76.3561, 82.6652,
106.5393

471.4915,
503.8700, 602.3858

■ 57.0226, 61.9140,
81.1257

127.2078,
137.1064, 172.2450

■ 41.2636, 44.9632,
60.1135

159.4568,
171.5653, 213.3742

■ 28.7137, 31.4284,
43.0842

196.7416,
211.3621, 260.5790

■ 19.0075, 20.9253,
29.6193

239.4277,
256.8813, 314.2779

■ 11.7798, 13.0694,
19.3002

287.8804,
308.5073, 374.8895

■ 6.6650, 7.4764,
11.7084

342.4650,

■ 3.2980, 3.7618,

366.6245, 442.8323

6.4253

403.5469,
431.6173, 518.5249

■ 1.3132, 1.5412,
3.0325

■ 0.1931, 0.3175,
1.1112

■ 76.3561, 82.6652,
106.5393

■ 76.3561, 82.6652,
106.5393

■ 66.5011, 73.1514,
105.2224

■ 87.5612, 93.1477,
107.9721

■ 57.9325, 64.5622,
104.0161

95.0500, 100.0000,
108.9000

■ 50.5910, 56.8647,
102.9173

■ 44.4097, 50.0195,
101.9218

■ 39.3148, 43.9837,
101.0253

■ 35.2231, 38.7091,
100.2229

■ 32.0376, 34.1407,
99.5090

■ 29.6385, 30.2111,
98.8769

■ 28.8438, 28.8077,
98.6479

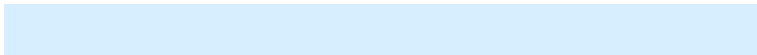
Harmonies

Analogous

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



74.0006, 82.6652, 100.7256



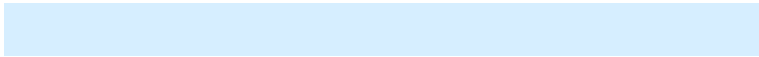
76.3561, 82.6652, 106.5393



79.3626, 82.6652, 107.7864

Triad

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



76.3561, 82.6652, 106.5393



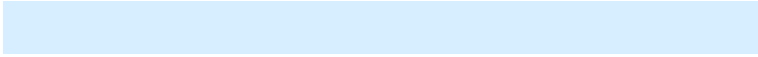
84.5552, 82.6652, 87.7671



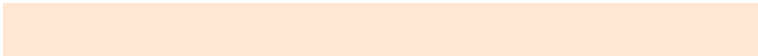
75.0229, 82.6652, 77.3067

Complementary

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



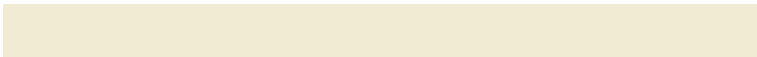
76.3561, 82.6652, 106.5393



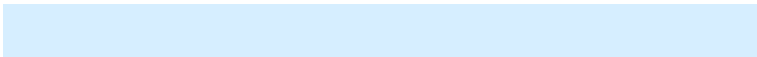
81.9532, 83.2656, 75.3725

Split Complementary

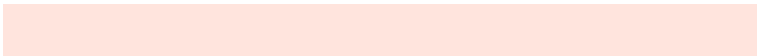
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7843, 82.6652, 74.3012



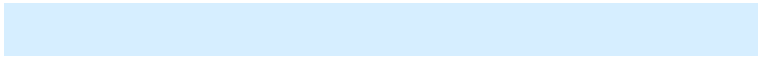
76.3561, 82.6652, 106.5393



83.3253, 82.6652, 80.0797

Square

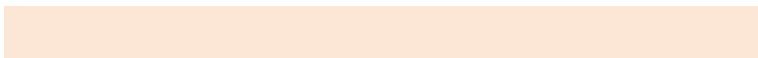
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



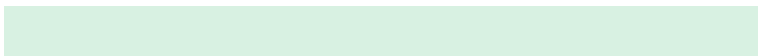
76.3561, 82.6652, 106.5393



84.1487, 82.6652, 96.5647



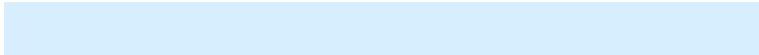
80.8279, 82.6652, 75.2824



73.2450, 82.6652, 83.7557

Rectangle

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



76.3561, 82.6652, 106.5393



81.3412, 82.6652, 105.7899



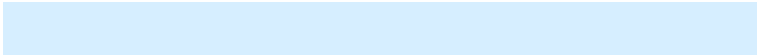
80.8279, 82.6652, 75.2824



75.8640, 82.6652, 75.8799

Sweetspot

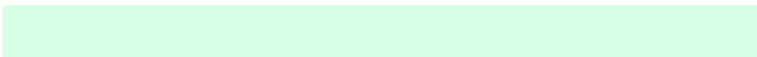
The Sweet Spot groups the original color and five complimentary colors.



76.3583, 82.6685, 106.5398



88.8508, 94.3355, 108.1334



77.8317, 91.5523, 88.7281



18.8373, 20.0256, 23.1224



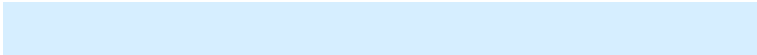
0.0000, 0.0000, 0.0000



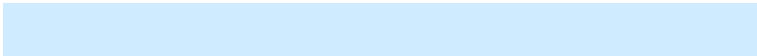
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3583, 82.6685, 106.5398



73.3408, 79.7890, 106.1431



70.8803, 71.7124, 104.7138



17.8868, 19.1451, 23.0026



15.2223, 15.3542, 51.5959



1.5900, 1.7107, 5.0597

Inverse Universe

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



80.7206, 75.5278, 91.2167



78.4272, 71.6612, 88.2318



87.8440, 95.0472, 77.3361



18.4555, 18.1655, 21.0157



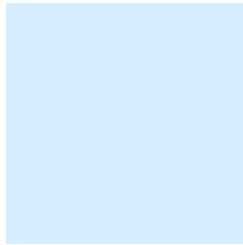
24.4717, 12.2780, 16.4004



2.4372, 1.2172, 1.8835

Previews

White Background



This preview shows how the XYZ color 76.3561, 82.6652, 106.5393 looks on a white background.

Color Contrast Check

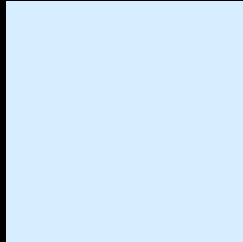
Large Text (above 18pt) WCAG AA × Fail

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 76.3561, 82.6652, 106.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

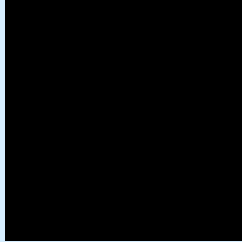
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

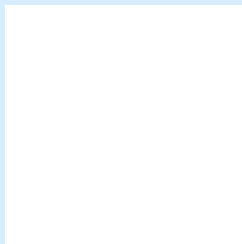
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3561, 82.6652, 106.5393

Background



This preview shows how black text looks on a background with the XYZ color 76.3561, 82.6652, 106.5393.

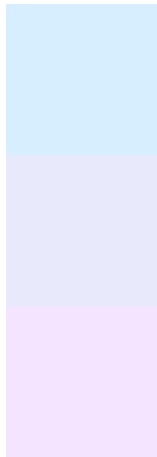


This preview shows how white text looks on a background with the XYZ color 76.3561, 82.6652,

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

76.3561, 82.6652, 106.5393

Protanopia

80.3139, 82.6297, 103.8116

Deuteranopia

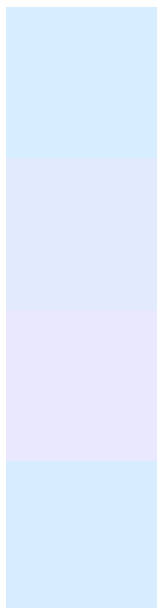
83.4496, 82.1193, 106.0601



Tritanopia

76.6531, 82.3873, 106.4700

Trichromacy



Original Color

76.3561, 82.6652, 106.5393

Protanomaly

78.8020, 82.6773, 104.7335

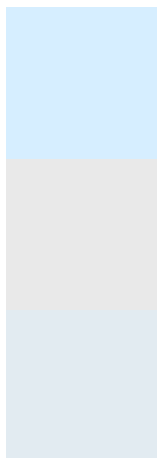
Deuteranomaly

80.8383, 82.4257, 106.2568

Tritanomaly

76.3585, 82.2354, 106.4562

Monochromacy



Original Color

76.3561, 82.6652, 106.5393

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.9495, 81.9363, 94.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3561, 82.6652, 106.5393 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(214, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 238, 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(214, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.3561, 82.6652, 106.5393 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(214, 238, 255) }
```


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

```
.border{ border-color:rgb(214, 238, 255) }
```

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

Here you see how a box with a 4 pixel rgb(214, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3561, 82.6652, 106.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 238, 255) }
```

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

```
.background{ background-color: rgb(214,  
238, 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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