

Converting Colors

XYZ(76.1650, 83.3183,
105.4710)

Have a look what the booklet for
XYZ(76.1650, 83.3183, 105.4710)
contains.

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Color

**XYZ(76.2009, 83.4730,
105.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F0FE
RGB	212, 240, 254
RGB Percent	83%, 94%, 100%
CMY	0.1686, 0.0588, 0.0039
CMYK	0.17, 0.06, 0.00, 0.00
HSL	200°, 95%, 91%
HSV	200°, 17%, 100%
XYZ	76.2009, 83.4730, 105.8616
YIQ	233.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

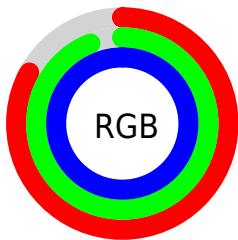
Format	Color
R _Y B	212, 229, 254
Decimal	13955326
CIE Lab	93.22, -6.29, -9.82
CIE LCh	93, 11.662, 237.361
Yxy	83.4730, 0.2870, 0.3144
Android (android.graphics.Color)	4292145406 (0xFFD4F0FE)
YUV	233.2240, 10.2426, -18.6134
Hunter-Lab	91.3636, -11.0100, -4.7440

Details

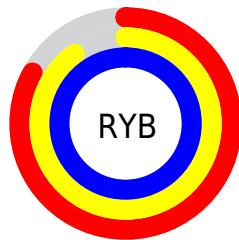
The XYZ color **76.2009, 83.4730, 105.8616** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.9538, 80.2170, 73.5585**, and the grayscale version is **77.5595, 81.5987, 88.8609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1232, 45.4803, 59.4345** is the 20% darker color. If you saturate the color by 10%, you get **67.0134, 75.1253, 104.7359**, and if you desaturate by 10%, it is **86.6614, 92.6539, 107.0837**.

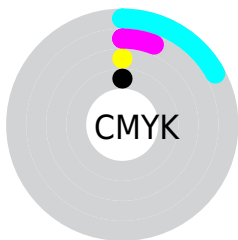
Distribution



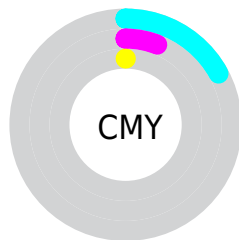
- Red (83%)
- Green (94%)
- Blue (100%)



- 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 76.2009, 83.4730, 105.8616 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 76.2009, 83.4730, 105.8616 by changing the saturation by 10% instead.

■ 76.2009, 83.4730,
105.8616

■ 76.2009, 83.4730,
105.8616

470.9690,
506.5616, 600.2329

■ 56.8949, 62.5804,
80.5607

126.9897,
138.2377, 171.3112

■ 41.1607, 45.5019,
59.6510

159.2032,
172.8787, 212.2969

■ 28.6329, 31.8529,
42.7139

196.4499,
212.8712, 259.3480

■ 18.9462, 21.2492,
29.3310

239.0952,
258.5998, 312.8831

■ 11.7352, 13.3063,
19.0836

287.5043,
310.4487, 373.3205

■ 6.6345, 7.6398,
11.5533

342.0428,

■ 3.2789, 3.8653,

368.8023, 441.0789

6.3215

403.0759,
434.0452, 516.5769

■ 1.3029, 1.5985,
2.9696

■ 0.1854, 0.3566,
1.0791

■ 76.2009, 83.4730,
105.8616

■ 76.2009, 83.4730,
105.8616

■ 67.0134, 75.1253,
104.7359

■ 86.6614, 92.6539,
107.0837

■ 59.0362, 67.5696,
103.6980

94.8896, 99.9359,
108.0556

■ 52.2123, 60.7763,
102.7464

■ 46.4766, 54.7095,
101.8777

■ 41.7573, 49.3296,
101.0880

■ 37.9732, 44.5923,
100.3730

■ 35.0293, 40.4460,
99.7279

■ 32.8069, 36.8268,
99.1464

■ 32.1434, 35.6634,
98.9568

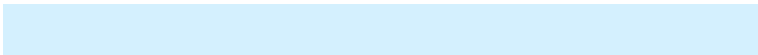
Harmonies

Analogous

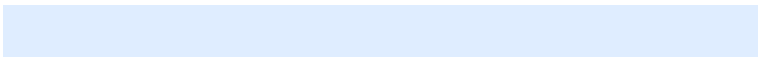
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2165, 83.4730, 98.8715



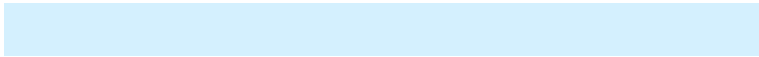
76.2009, 83.4730, 105.8616



79.0674, 83.4730, 108.8208

Triad

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



76.2009, 83.4730, 105.8616



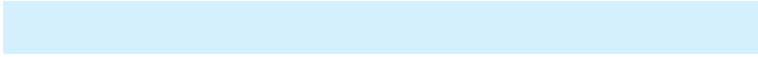
85.3753, 83.4730, 91.6676



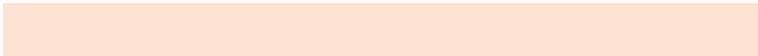
76.6595, 83.4730, 76.7009

Complementary

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



76.2009, 83.4730, 105.8616



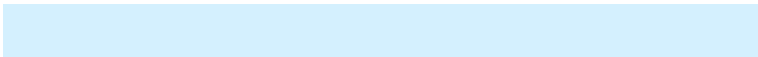
79.9538, 80.2170, 73.5585

Split Complementary

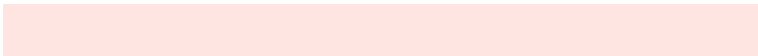
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6104, 83.4730, 75.0420



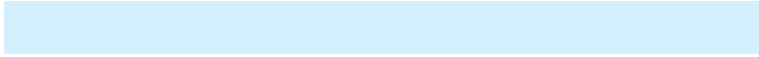
76.2009, 83.4730, 105.8616



84.6911, 83.4730, 83.3461

Square

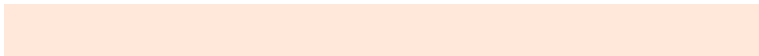
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2009, 83.4730, 105.8616



84.4078, 83.4730, 100.3027



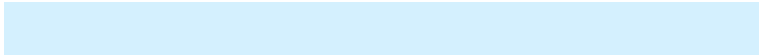
82.5612, 83.4730, 77.3973



74.4765, 83.4730, 82.0815

Rectangle

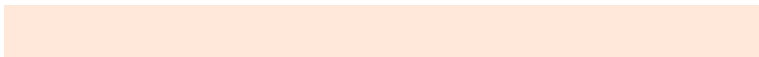
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2009, 83.4730, 105.8616



81.1109, 83.4730, 107.9758



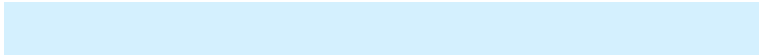
82.5612, 83.4730, 77.3973



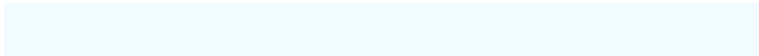
77.5922, 83.4730, 75.7052

Sweetspot

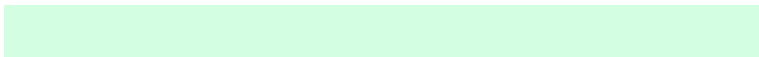
The Sweet Spot groups the original color and five complimentary colors.



76.2034, 83.4764, 105.8635



89.1732, 94.9804, 108.2409



76.2264, 90.3348, 84.8694



18.9157, 20.1824, 23.1486



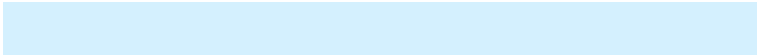
0.0000, 0.0000, 0.0000



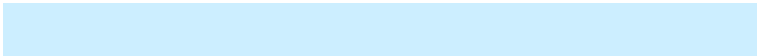
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2034, 83.4764, 105.8635



73.5275, 81.2086, 106.4073



70.5570, 72.1837, 103.9813



18.0150, 19.4015, 23.0453



17.0875, 19.0845, 52.2177



1.7643, 2.0593, 5.1178

Inverse Universe

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



80.1467, 74.4510, 92.5883



78.2660, 70.6190, 90.3976



85.8053, 91.9200, 75.5090



18.5202, 18.1914, 21.3565



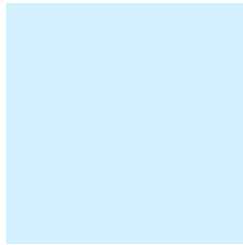
25.4132, 12.6546, 21.3579



2.5251, 1.2524, 2.3468

Previews

White Background



This preview shows how the XYZ color 76.2009, 83.4730, 105.8616 looks on a white background.

Color Contrast Check

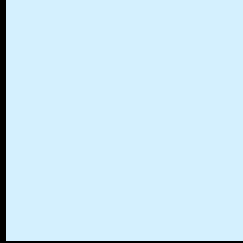
Large Text (above 18pt) WCAG AA × Fail

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 76.2009, 83.4730, 105.8616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

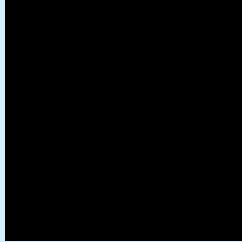
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

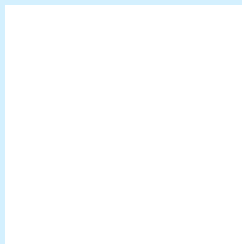
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2009, 83.4730, 105.8616

Background



This preview shows how black text looks on a background with the XYZ color 76.2009, 83.4730, 105.8616.

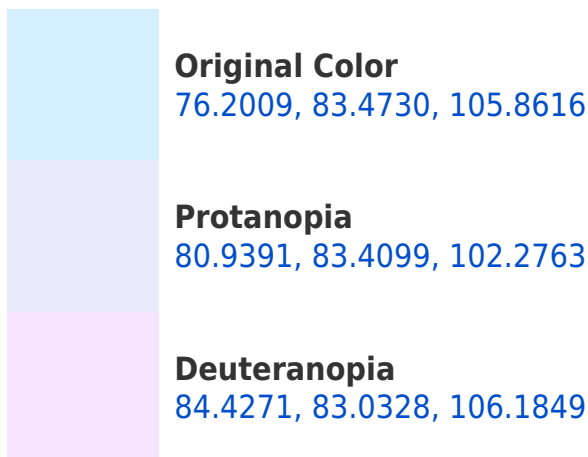


This preview shows how white text looks on a background with the XYZ color 76.2009, 83.4730,

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





Tritanopia

77.2354, 83.5519, 106.6641

Trichromacy



Original Color

76.2009, 83.4730, 105.8616

Protanomaly

79.0866, 83.2868, 103.1744

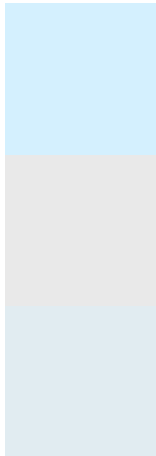
Deuteranomaly

81.1206, 82.9903, 106.3509

Tritanomaly

76.9408, 83.4001, 106.6504

Monochromacy



Original Color

76.2009, 83.4730, 105.8616

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.9240, 82.3493, 95.0598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2009, 83.4730, 105.8616 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, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 240, 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(212, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 240, 254) }
```

Border

The CSS property to change the border of an element to XYZ 76.2009, 83.4730, 105.8616 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, 240, 254) }
```


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

```
.border{ border-color:rgb(212, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 240,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2009, 83.4730, 105.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 240, 254) }
```

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

```
.background{ background-color: rgb(212,  
240, 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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