

Converting Colors

XYZ(73.7710, 79.5862,
106.0813)

Have a look what the booklet for
XYZ(73.7710, 79.5862, 106.0813)
contains.

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Color

**XYZ(73.7673, 79.6209,
106.0882)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EAFB
RGB	209, 234, 255
RGB Percent	82%, 92%, 100%
CMY	0.1804, 0.0823, 0.0000
CMYK	0.18, 0.08, 0.00, 0.00
HSL	207°, 100%, 91%
HSV	207°, 18%, 100%
XYZ	73.7673, 79.6209, 106.0882
YIQ	228.9190, -21.6410, 1.2310

Conversions

Conversions Part 2

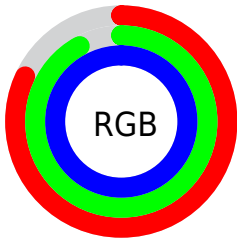
Format	Color
R _Y B	209, 225, 255
Decimal	13757183
CIE Lab	91.51, -3.93, -12.90
CIE LCh	92, 13.490, 253.054
Yxy	79.6209, 0.2843, 0.3069
Android (android.graphics.Color)	4291947263 (0xFFD1E AFF)
YUV	228.9190, 12.8579, -17.4690
Hunter-Lab	89.2305, -8.5867, -8.0298

Details

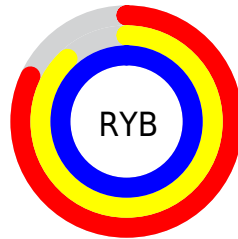
The XYZ color **73.7673, 79.6209, 106.0882** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.0452, 82.4560, 71.9674**, and the grayscale version is **74.3383, 78.2096, 85.1703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4399, 42.7880, 59.6063** is the 20% darker color. If you saturate the color by 10%, you get **63.9167, 69.7860, 104.7090**, and if you desaturate by 10%, it is **84.9946, 90.4929, 107.5949**.

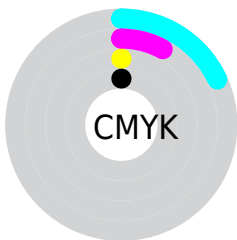
Distribution



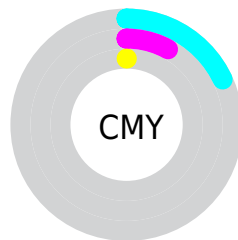
- Red (82%)
- Green (92%)
- Blue (100%)



- Red (82%)
- Yellow (88%)
- Blue (100%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7673, 79.6209, 106.0882 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 73.7673, 79.6209, 106.0882 by changing the saturation by 10% instead.

73.7673, 79.6209,
106.0882

73.7673, 79.6209,
106.0882

462.7326,
493.6543, 600.9532

54.8942, 59.4064,
80.7496

123.5632,
132.8326, 171.6235

39.5505, 42.9404,
59.8056

155.2166,
166.5986, 212.6572

27.3709, 29.8383,
42.8377

191.8610,
205.6507, 259.7598

17.9900, 19.7159,
29.4273

233.8615,
250.3731, 313.3496

11.0425, 12.1887,
19.1560

281.5835,
301.1502, 373.8454

6.1629, 6.8723,
11.6051

335.3925,

2.9860, 3.3824,

358.3666, 441.6655

6.3561

395.6537,
422.4065, 517.2286

■ 1.1464, 1.3345,
2.9905

■ 0.0634, 0.1677,
1.0898

■ 73.7673, 79.6209,
106.0882

■ 73.7673, 79.6209,
106.0882

■ 63.9167, 69.7860,
104.7090

■ 84.9946, 90.4929,
107.5949

■ 55.3774, 60.9420,
103.4520

95.0500, 100.0000,
108.9000

■ 48.0879, 53.0530,
102.3135

■ 41.9792, 46.0768,
101.2889

■ 36.9743, 39.9672,
100.3734

■ 32.9868, 34.6723,
99.5616

■ 29.9146, 30.1325,
98.8472

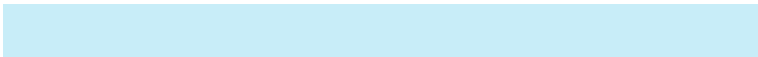
■ 27.6213, 26.2697,
98.2225

■ 27.2258, 25.5716,
98.1086

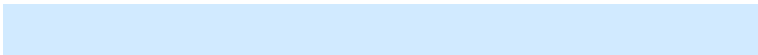
Harmonies

Analogous

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



70.9502, 79.6209, 100.2672



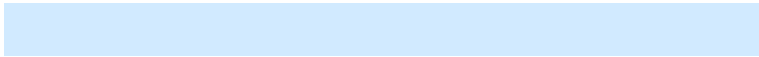
73.7673, 79.6209, 106.0882



77.1798, 79.6209, 106.4693

Triad

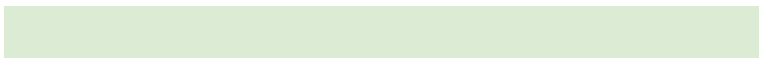
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7673, 79.6209, 106.0882



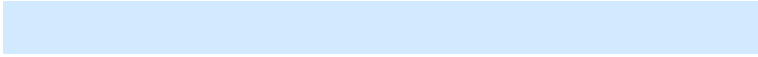
82.2995, 79.6209, 82.4886



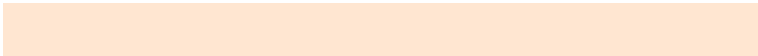
71.2547, 79.6209, 73.5859

Complementary

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



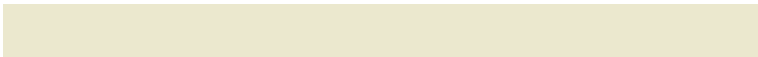
73.7673, 79.6209, 106.0882



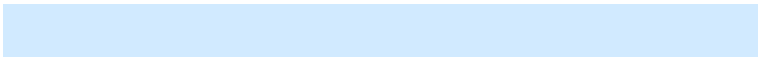
81.0452, 82.4560, 71.9674

Split Complementary

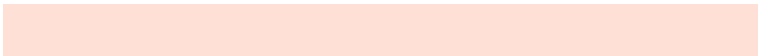
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1944, 79.6209, 69.5321



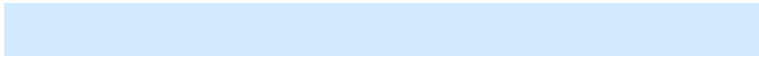
73.7673, 79.6209, 106.0882



80.6098, 79.6209, 74.4039

Square

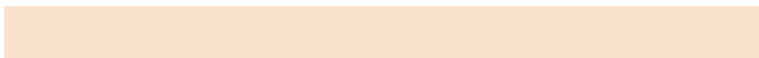
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7673, 79.6209, 106.0882



82.1767, 79.6209, 92.3282



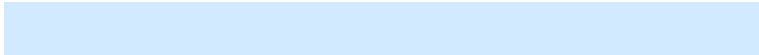
77.6199, 79.6209, 69.8197



69.5299, 79.6209, 81.2931

Rectangle

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



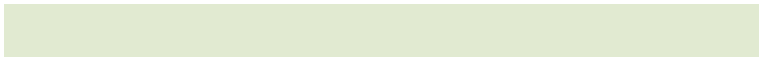
73.7673, 79.6209, 106.0882



79.3394, 79.6209, 103.5446



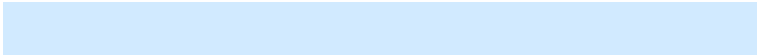
77.6199, 79.6209, 69.8197



72.1297, 79.6209, 71.7779

Sweetspot

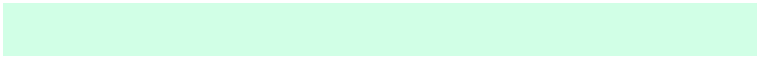
The Sweet Spot groups the original color and five complimentary colors.



73.7694, 79.6241, 106.0887



88.6853, 94.0044, 108.0782



76.2963, 90.7721, 88.1428



18.7971, 19.9451, 23.1090



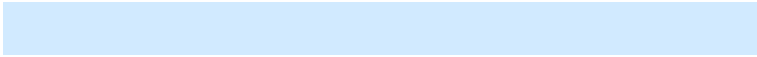
0.0000, 0.0000, 0.0000



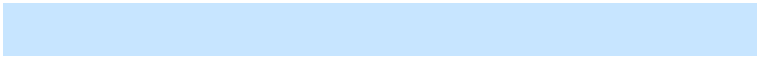
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7694, 79.6241, 106.0887



69.7050, 75.6051, 105.5271



67.7147, 67.5147, 104.0704



17.8212, 19.0140, 22.9807



14.3773, 13.6642, 51.3143



1.5091, 1.5490, 5.0327

Inverse Universe

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



78.8931, 72.8030, 87.7398



75.8383, 67.7400, 83.4952



87.7796, 95.9249, 74.2122



18.4224, 18.1523, 20.8415



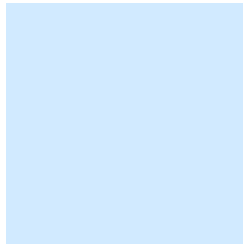
24.0452, 12.1074, 14.1544



2.3964, 1.2009, 1.6686

Previews

White Background



This preview shows how the XYZ color 73.7673, 79.6209, 106.0882 looks on a white background.

Color Contrast Check

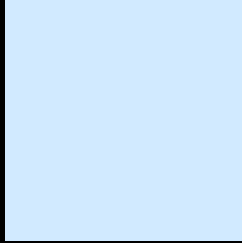
Large Text (above 18pt) WCAG AA × Fail

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 73.7673, 79.6209, 106.0882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

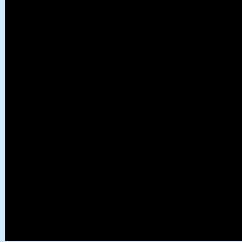
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

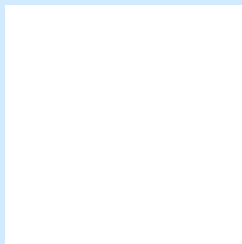
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7673, 79.6209, 106.0882

Background



This preview shows how black text looks on a background with the XYZ color 73.7673, 79.6209, 106.0882.

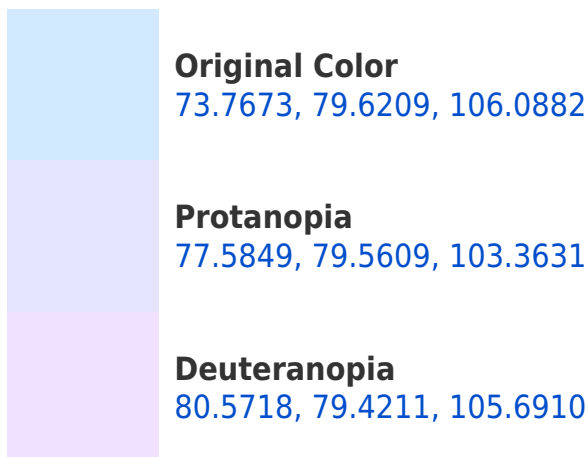


This preview shows how white text looks on a background with the XYZ color 73.7673, 79.6209,

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

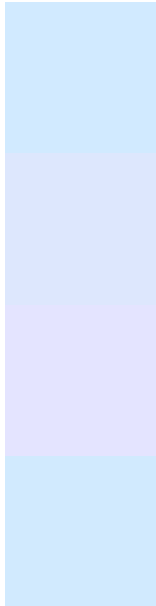




Tritanopia

73.4469, 79.4928, 104.4011

Trichromacy



Original Color

73.7673, 79.6209, 106.0882

Protanomaly

76.1243, 79.6158, 104.2837

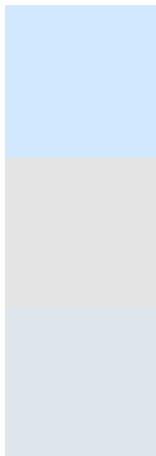
Deuteranomaly

77.7883, 79.2008, 105.7951

Tritanomaly

73.6067, 79.5567, 105.2424

Monochromacy



Original Color

73.7673, 79.6209, 106.0882

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1327, 78.8545, 92.2021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7673, 79.6209, 106.0882 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(209, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 234, 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(209, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7673, 79.6209, 106.0882 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(209, 234, 255) }
```


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

```
.border{ border-color:rgb(209, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7673, 79.6209, 106.0882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 234, 255) }
```

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

```
.background{ background-color: rgb(209,  
234, 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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