

Converting Colors

XYZ(76.1473, 80.5770,
120.2741)

Have a look what the booklet for
XYZ(76.1473, 80.5770, 120.2741)
contains.

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Color

**XYZ(73.4852, 79.4755,
106.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EAFB
RGB	208, 234, 255
RGB Percent	82%, 92%, 100%
CMY	0.1843, 0.0823, 0.0000
CMYK	0.18, 0.08, 0.00, 0.00
HSL	207°, 100%, 91%
HSV	207°, 18%, 100%
XYZ	73.4852, 79.4755, 106.0750
YIQ	228.6200, -22.2370, 1.0190

Conversions

Conversions Part 2

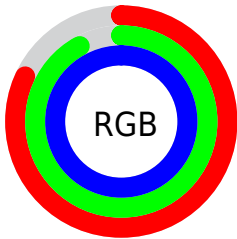
Format	Color
R _Y B	208, 225, 255
Decimal	13691647
CIE Lab	91.45, -4.24, -13.01
CIE LCh	91, 13.681, 251.963
Yxy	79.4755, 0.2837, 0.3068
Android (android.graphics.Color)	4291881727 (0xFFD0E AFF)
YUV	228.6200, 13.0053, -18.0837
Hunter-Lab	89.1490, -8.8740, -8.1426

Details

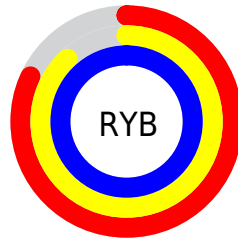
The XYZ color **73.4852, 79.4755, 106.0750** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.6441, 81.8515, 71.2246**, and the grayscale version is **74.1180, 77.9779, 84.9180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2503, 42.6903, 59.5974** is the 20% darker color. If you saturate the color by 10%, you get **63.7448, 69.7953, 104.7199**, and if you desaturate by 10%, it is **84.5910, 90.1733, 107.5545**.

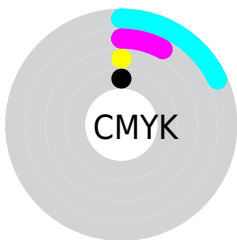
Distribution



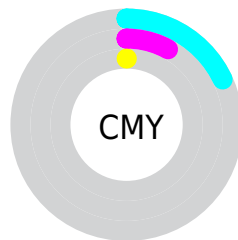
- Red (82%)
- Green (92%)
- Blue (100%)



- 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 73.4852, 79.4755, 106.0750 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 73.4852, 79.4755, 106.0750 by changing the saturation by 10% instead.

73.4852, 79.4755,
106.0750

73.4852, 79.4755,
106.0750

461.7725,
493.1635, 600.9113

54.6626, 59.2868,
80.7386

123.1652,
132.6281, 171.6053

39.3644, 42.8441,
59.7966

154.7533,
166.3607, 212.6362

27.2253, 29.7628,
42.8305

191.3272,
205.3769, 259.7358

17.8800, 19.6586,
29.4217

233.2524,
250.0609, 313.3225

10.9630, 12.1471,
19.1517

280.8942,
300.7972, 373.8148

6.1091, 6.8440,
11.6021

334.6179,

2.9528, 3.3647,

357.9701, 441.6314

6.3541

394.7889,
421.9641, 517.1907

■ 1.1289, 1.3250,
2.9893

■ 0.0491, 0.1604,
1.0892

■ 73.4852, 79.4755,
106.0750

■ 73.4852, 79.4755,
106.0750

■ 63.7448, 69.7953,
104.7199

■ 84.5910, 90.1733,
107.5545

■ 55.3045, 61.0871,
103.4839

95.0500, 100.0000,
108.9000

■ 48.1030, 53.3154,
102.3633

■ 42.0712, 46.4384,
101.3539

■ 37.1323, 40.4103,
100.4506

■ 33.1993, 35.1796,
99.6483

■ 30.1702, 30.6870,
98.9408

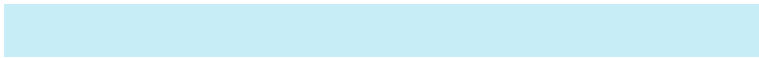
■ 27.9034, 26.8524,
98.3201

■ 27.5873, 26.2946,
98.2291

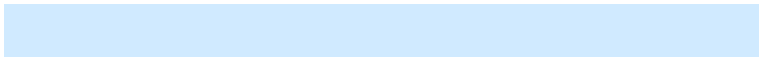
Harmonies

Analogous

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



70.6699, 79.4755, 99.9979



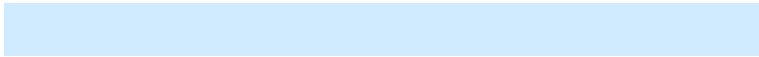
73.4852, 79.4755, 106.0750



76.9351, 79.4755, 106.6784

Triad

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



73.4852, 79.4755, 106.0750



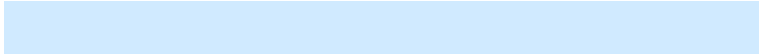
82.2790, 79.4755, 82.6220



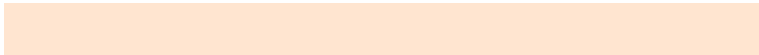
71.1508, 79.4755, 73.0480

Complementary

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



73.4852, 79.4755, 106.0750



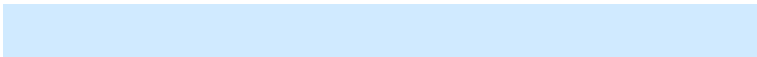
80.6441, 81.8515, 71.2246

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.



74.1600, 79.4755, 69.1022



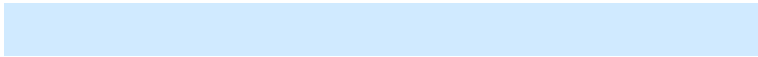
73.4852, 79.4755, 106.0750



80.6269, 79.4755, 74.3387

Square

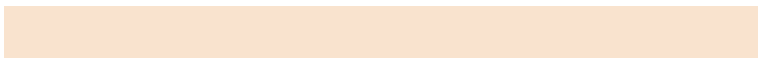
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



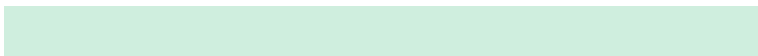
73.4852, 79.4755, 106.0750



82.0848, 79.4755, 92.6084



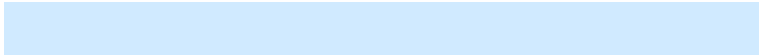
77.6309, 79.4755, 69.5558



69.3509, 79.4755, 80.7337

Rectangle

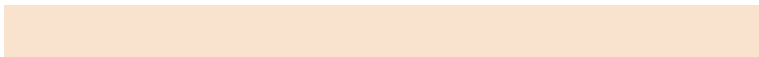
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4852, 79.4755, 106.0750



79.1385, 79.4755, 103.8409



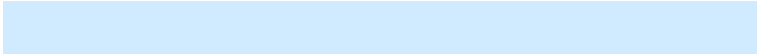
77.6309, 79.4755, 69.5558



72.0505, 79.4755, 71.2679

Sweetspot

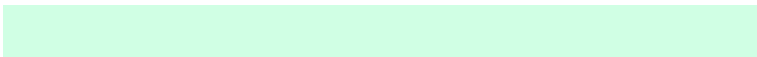
The Sweet Spot groups the original color and five complimentary colors.



73.4873, 79.4787, 106.0755



87.5016, 92.9291, 107.9330



75.8279, 90.5522, 87.1487



18.5597, 19.7308, 23.0802



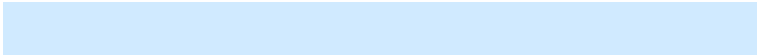
0.0000, 0.0000, 0.0000



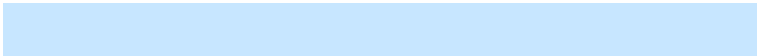
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4873, 79.4787, 106.0755



69.8564, 75.9079, 105.5776



67.3911, 67.2862, 104.0434



17.8364, 19.0443, 22.9858



14.5663, 14.0422, 51.3773



1.5274, 1.5854, 5.0388

Inverse Universe

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



78.6485, 72.3138, 87.6583



75.9147, 67.7706, 83.8975



87.3941, 95.3514, 73.4746



18.4300, 18.1553, 20.8818



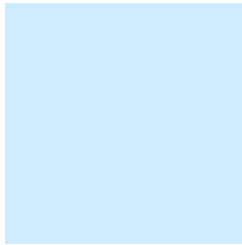
24.1406, 12.1455, 14.6567



2.4055, 1.2046, 1.7170

Previews

White Background



This preview shows how the XYZ color 73.4852, 79.4755, 106.0750 looks on a white background.

Color Contrast Check

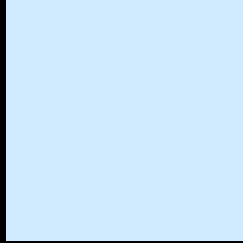
Large Text (above 18pt) WCAG AA × Fail

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 73.4852, 79.4755, 106.0750 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

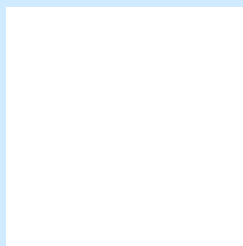
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4852, 79.4755, 106.0750

Background



This preview shows how black text looks on a background with the XYZ color 73.4852, 79.4755, 106.0750.



This preview shows how white text looks on a background with the XYZ color 73.4852, 79.4755,

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

73.4852, 79.4755, 106.0750

Protanopia

77.5849, 79.5609, 103.3631

Deuteranopia

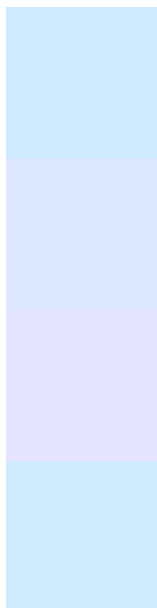
80.5718, 79.4211, 105.6910



Tritanopia

73.1649, 79.3474, 104.3879

Trichromacy



Original Color

73.4852, 79.4755, 106.0750

Protanomaly

76.1243, 79.6158, 104.2837

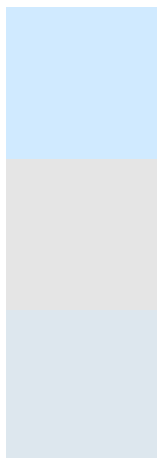
Deuteranomaly

77.7883, 79.2008, 105.7951

Tritanomaly

73.3246, 79.4113, 105.2292

Monochromacy



Original Color

73.4852, 79.4755, 106.0750

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8273, 78.6970, 92.1878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4852, 79.4755, 106.0750 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(208, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.4852, 79.4755, 106.0750 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(208, 234, 255) }
```


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

```
.border{ border-color:rgb(208, 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(208, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4852, 79.4755, 106.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 234, 255) }
```

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

```
.background{ background-color: rgb(208,  
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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