

Converting Colors

XYZ(73.4663, 80.0401,
106.1849)

Have a look what the booklet for
XYZ(73.4663, 80.0401, 106.1849)
contains.

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Color

**XYZ(73.4905, 79.9021,
106.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEBFF
RGB	207, 235, 255
RGB Percent	81%, 92%, 100%
CMY	0.1882, 0.0784, 0.0000
CMYK	0.19, 0.08, 0.00, 0.00
HSL	205°, 100%, 91%
HSV	205°, 19%, 100%
XYZ	73.4905, 79.9021, 106.1570
YIQ	228.9080, -23.1080, 0.2840

Conversions

Conversions Part 2

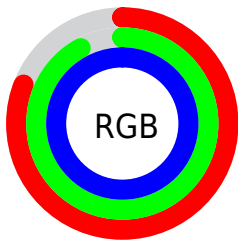
Format	Color
R_{YB}	207, 225, 255
Decimal	13626367
CIE Lab	91.64, -5.05, -12.73
CIE LCh	92, 13.695, 248.351
Yxy	79.9021, 0.2831, 0.3078
Android (android.graphics.Color)	4291816447 (0xFFCFEBFF)
YUV	228.9080, 12.8634, -19.2133
Hunter-Lab	89.3880, -9.6748, -7.8411

Details

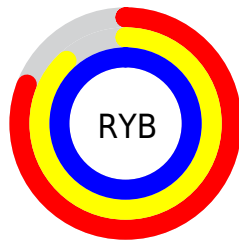
The XYZ color **73.4905, 79.9021, 106.1570** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.9713, 80.7021, 70.3954**, and the grayscale version is **74.3310, 78.2020, 85.1620**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2620, 42.9928, 59.6552** is the 20% darker color. If you saturate the color by 10%, you get **63.9826, 70.6215, 104.8668**, and if you desaturate by 10%, it is **84.3349, 90.1455, 107.5626**.

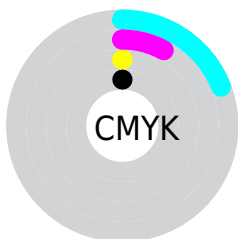
Distribution



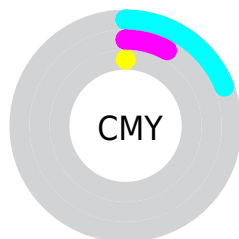
- Red (81%)
- Green (92%)
- Blue (100%)



- Red (81%)
- Yellow (88%)
- Blue (100%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4905, 79.9021, 106.1570 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 73.4905, 79.9021, 106.1570 by changing the saturation by 10% instead.

73.4905, 79.9021,
106.1570

73.4905, 79.9021,
106.1570

461.7906,
494.6028, 601.1718

54.6669, 59.6378,
80.8069

123.1727,
133.2281, 171.7183

39.3679, 43.1268,
59.8525

154.7620,
167.0585, 212.7666

27.2281, 29.9846,
42.8753

191.3373,
206.1799, 259.8847

17.8821, 19.8269,
29.4566

233.2639,
250.9764, 313.4913

10.9645, 12.2693,
19.1779

280.9071,
301.8326, 374.0047

6.1101, 6.9273,
11.6208

334.6324,

2.9534, 3.4167,

359.1328, 441.8436

6.3667

394.8051,
423.2614, 517.4264

■ 1.1292, 1.3530,
2.9969

■ 0.0493, 0.1817,
1.0931

■ 73.4905, 79.9021,
106.1570

■ 73.4905, 79.9021,
106.1570

■ 63.9826, 70.6215,
104.8668

■ 84.3349, 90.1455,
107.5626

■ 55.7464, 62.2594,
103.6869

95.0500, 100.0000,
108.9000

■ 48.7213, 54.7818,
102.6138

■ 42.8385, 48.1483,
101.6435

■ 38.0218, 42.3147,
100.7713

■ 34.1849, 37.2311,
99.9923

■ 31.2255, 32.8395,
99.3006

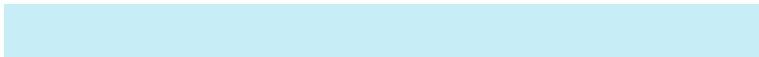
■ 28.9973, 29.0587,
98.6883

■ 28.7611, 28.6422,
98.6204

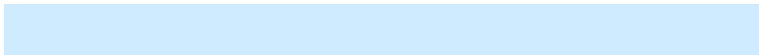
Harmonies

Analogous

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



70.7918, 79.9021, 99.5057



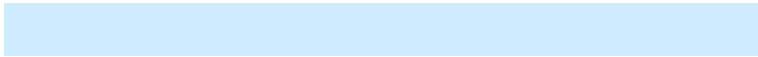
73.4905, 79.9021, 106.1570



76.9255, 79.9021, 107.4806

Triad

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



73.4905, 79.9021, 106.1570



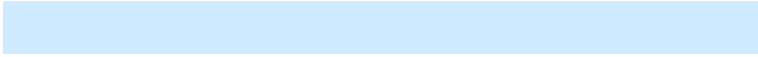
82.7944, 79.9021, 84.2324



71.8478, 79.9021, 72.7530

Complementary

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



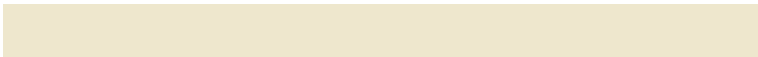
73.4905, 79.9021, 106.1570



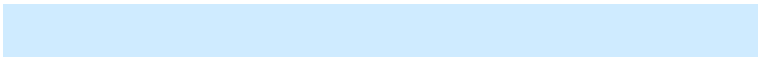
79.9713, 80.7021, 70.3954

Split Complementary

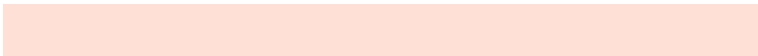
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9720, 79.9021, 69.3016



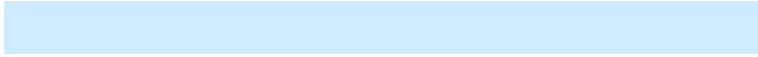
73.4905, 79.9021, 106.1570



81.3415, 79.9021, 75.5883

Square

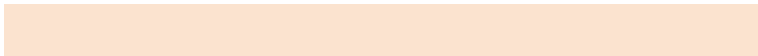
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4905, 79.9021, 106.1570



82.3682, 79.9021, 94.3003



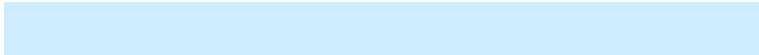
78.4526, 79.9021, 70.2982



69.8638, 79.9021, 80.0862

Rectangle

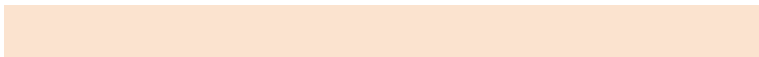
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4905, 79.9021, 106.1570



79.1830, 79.9021, 105.0741



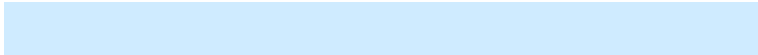
78.4526, 79.9021, 70.2982



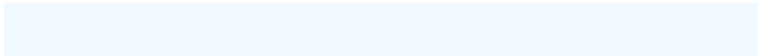
72.7956, 79.9021, 71.1270

Sweetspot

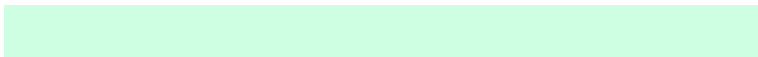
The Sweet Spot groups the original color and five complimentary colors.



73.4926, 79.9053, 106.1575



87.6437, 93.2133, 107.9804



75.2481, 90.2879, 85.5580



18.5933, 19.7980, 23.0914



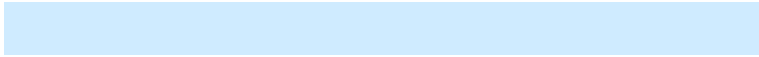
0.0000, 0.0000, 0.0000



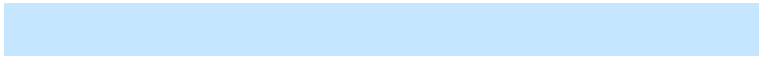
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4926, 79.9053, 106.1575



69.3610, 75.9125, 105.6046



67.2770, 67.4741, 104.0857



17.8835, 19.1387, 23.0015



15.1792, 15.2679, 51.5816



1.5859, 1.7025, 5.0583

Inverse Universe

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



78.5496, 71.8854, 88.3363



75.4217, 66.6430, 84.1694



86.7507, 94.2609, 72.6552



18.4539, 18.1649, 21.0072



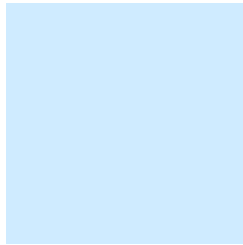
24.4499, 12.2693, 16.2857



2.4351, 1.2164, 1.8726

Previews

White Background



This preview shows how the XYZ color 73.4905, 79.9021, 106.1570 looks on a white background.

Color Contrast Check

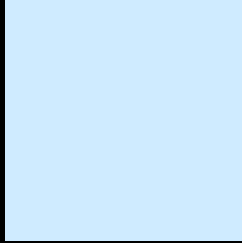
Large Text (above 18pt) WCAG AA × Fail

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 73.4905, 79.9021, 106.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

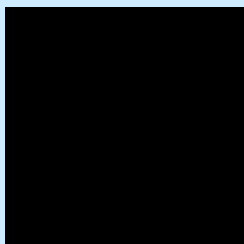
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

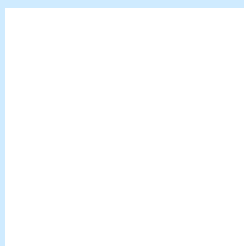
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4905, 79.9021, 106.1570

Background



This preview shows how black text looks on a background with the XYZ color 73.4905, 79.9021, 106.1570.

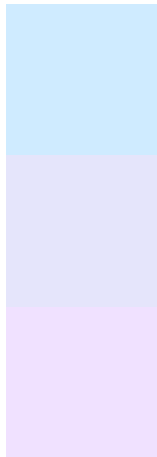


This preview shows how white text looks on a background with the XYZ color 73.4905, 79.9021,

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

73.4905, 79.9021, 106.1570

Protanopia

77.7450, 79.6617, 102.5454

Deuteranopia

80.9104, 79.5957, 105.7068



Tritanopia

73.3299, 79.8378, 105.3113

Trichromacy



Original Color

73.4905, 79.9021, 106.1570

Protanomaly

75.9654, 79.5523, 103.4468

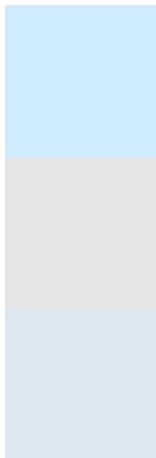
Deuteranomaly

78.0642, 79.7526, 105.8871

Tritanomaly

73.3299, 79.8378, 105.3113

Monochromacy



Original Color

73.4905, 79.9021, 106.1570

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 73.4905, 79.9021, 106.1570 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(207, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 235, 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(207, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.4905, 79.9021, 106.1570 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(207, 235, 255) }
```


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

```
.border{ border-color:rgb(207, 235, 255) }
```

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

Here you see how a box with a 4 pixel rgb(207, 235, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4905, 79.9021, 106.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 235, 255) }
```

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

```
.background{ background-color: rgb(207,  
235, 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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