

Converting Colors

XYZ(73.1649, 79.3474,
104.3879)

Have a look what the booklet for
XYZ(73.1649, 79.3474, 104.3879)
contains.

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Color

**XYZ(73.1649, 79.3474,
104.3879)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EAFD
RGB	208, 234, 253
RGB Percent	82%, 92%, 99%
CMY	0.1843, 0.0823, 0.0078
CMYK	0.18, 0.08, 0.00, 0.01
HSL	205°, 92%, 90%
HSV	205°, 18%, 99%
XYZ	73.1649, 79.3474, 104.3879
YIQ	228.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

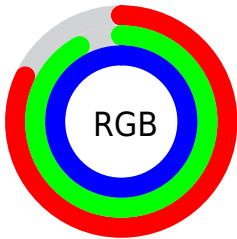
Format	Color
R _Y B	208, 224, 253
Decimal	13691645
CIE Lab	91.39, -4.65, -12.05
CIE LCh	91, 12.919, 248.881
Yxy	79.3474, 0.2848, 0.3089
Android (android.graphics.Color)	4291881725 (0xFFD0EAFD)
YUV	228.3920, 12.1317, -17.8838
Hunter-Lab	89.0772, -9.2713, -7.1269

Details

The XYZ color **73.1649, 79.3474, 104.3879** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3630, 80.3749, 71.0073**, and the grayscale version is **73.9570, 77.8085, 84.7335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0211, 42.5986, 58.3903** is the 20% darker color. If you saturate the color by 10%, you get **63.6620, 70.0716, 103.0996**, and if you desaturate by 10%, it is **83.9905, 89.5813, 105.7940**.

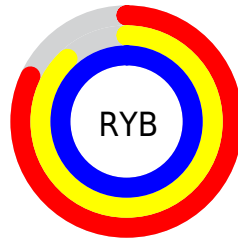
Distribution



Red (82%)

Green (92%)

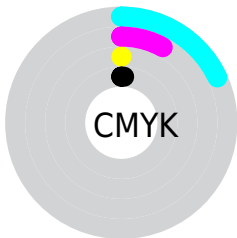
Blue (99%)



Red (82%)

Yellow (88%)

Blue (99%)

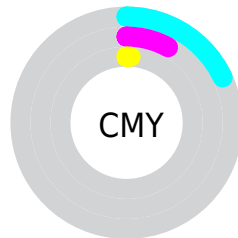


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (8%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1649, 79.3474, 104.3879 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 73.1649, 79.3474, 104.3879 by changing the saturation by 10% instead.

■ 73.1649, 79.3474,
104.3879

■ 73.1649, 79.3474,
104.3879

460.6811,
492.7308, 595.5373

■ 54.3997, 59.1815,
79.3329

122.7131,
132.4478, 169.2785

■ 39.1532, 42.7592,
58.6466

154.2269,
166.1511, 209.9511

■ 27.0602, 29.6962,
41.9105

190.7208,
205.1356, 256.6666

■ 17.7553, 19.6081,
28.7062

232.5603,
249.7858, 309.8437

■ 10.8730, 12.1105,
18.6150

280.1107,
300.4860, 369.9007

■ 6.0482, 6.8190,
11.2184

333.7374,

■ 2.9153, 3.3492,

357.6207, 437.2563

6.0979

393.8058,
421.5741, 512.3290

■ 1.1092, 1.3166,
2.8350

■ 0.0328, 0.1540,
1.0110

■ 73.1649, 79.3474,
104.3879

■ 73.1649, 79.3474,
104.3879

■ 63.6620, 70.0716,
103.0996

■ 83.9905, 89.5813,
105.7940

■ 55.4178, 61.7100,
101.9202

94.7299, 99.8719,
107.2142

■ 48.3734, 54.2294,
100.8476

■ 42.4619, 47.5903,
99.8777

■ 37.6093, 41.7495,
99.0060

■ 33.7320, 36.6583,
98.2277

■ 30.7315, 32.2607,
97.5370

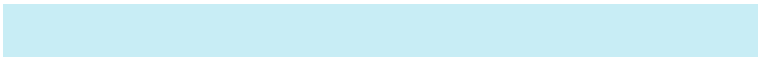
■ 28.4779, 28.4839,
96.9268

■ 28.0388, 27.7098,
96.8005

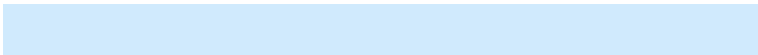
Harmonies

Analogous

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



70.6077, 79.3474, 98.2523



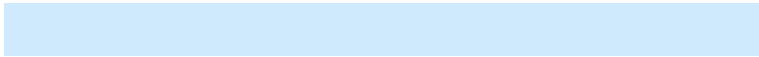
73.1649, 79.3474, 104.3879



76.3964, 79.3474, 105.5240

Triad

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



73.1649, 79.3474, 104.3879



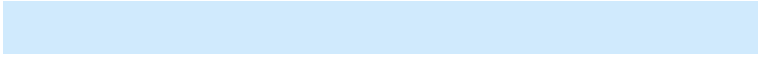
81.8300, 79.3474, 83.6338



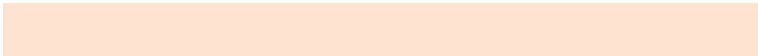
71.5226, 79.3474, 73.0685

Complementary

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



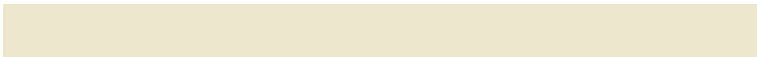
73.1649, 79.3474, 104.3879



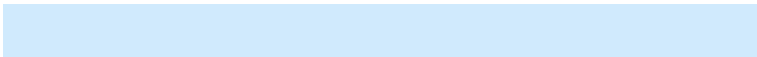
79.3630, 80.3749, 71.0073

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.



74.4466, 79.3474, 69.7313



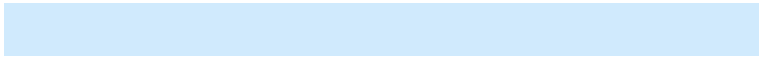
73.1649, 79.3474, 104.3879



80.4406, 79.3474, 75.5338

Square

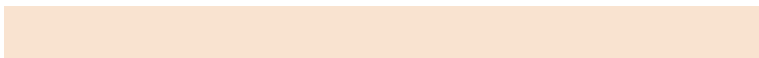
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1649, 79.3474, 104.3879



81.4626, 79.3474, 93.0771



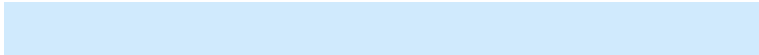
77.7155, 79.3474, 70.5999



69.6788, 79.3474, 80.0422

Rectangle

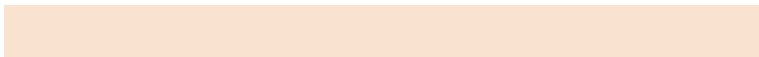
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1649, 79.3474, 104.3879



78.5086, 79.3474, 103.2186



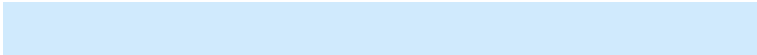
77.7155, 79.3474, 70.5999



72.4083, 79.3474, 71.5081

Sweetspot

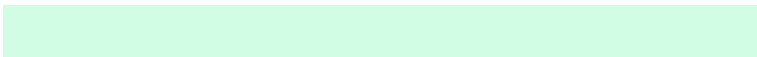
The Sweet Spot groups the original color and five complimentary colors.



73.1673, 79.3507, 104.3897



88.8207, 94.2752, 108.1233



74.9699, 89.1942, 85.7587



18.8300, 20.0109, 23.1200



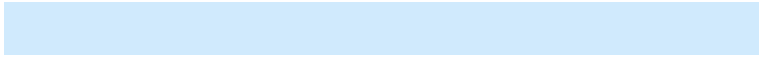
0.0000, 0.0000, 0.0000



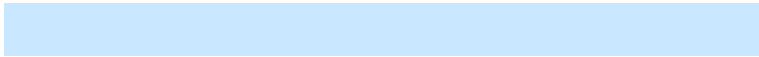
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1673, 79.3507, 104.3897



71.2260, 77.6349, 105.8388



67.2247, 67.4656, 102.4088



17.8748, 19.1212, 22.9986



15.0629, 15.0353, 51.5428



1.5748, 1.6804, 5.0546

Inverse Universe

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



77.9171, 71.9368, 87.6241



76.8532, 69.0920, 85.9227



85.8476, 93.3442, 73.1688



18.4495, 18.1631, 20.9840



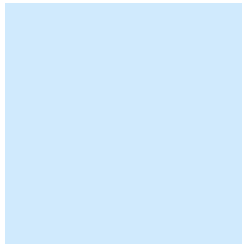
24.3912, 12.2458, 15.9766



2.4295, 1.2142, 1.8432

Previews

White Background



This preview shows how the XYZ color 73.1649, 79.3474, 104.3879 looks on a white background.

Color Contrast Check

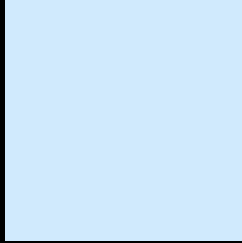
Large Text (above 18pt) WCAG AA × Fail

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 73.1649, 79.3474, 104.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

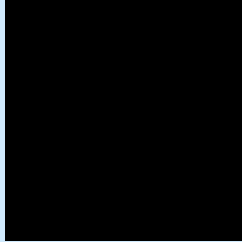
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

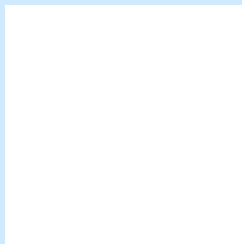
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1649, 79.3474, 104.3879

Background



This preview shows how black text looks on a background with the XYZ color 73.1649, 79.3474, 104.3879.



This preview shows how white text looks on a background with the XYZ color 73.1649, 79.3474,

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

73.1649, 79.3474, 104.3879

Protanopia

76.9936, 78.8829, 101.6104

Deuteranopia

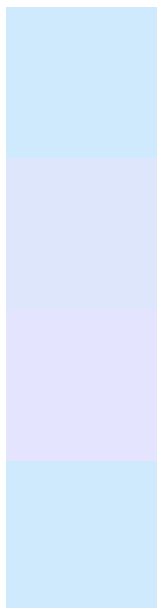
80.9813, 79.2321, 105.6329



Tritanopia

73.1649, 79.3474, 104.3879

Trichromacy



Original Color

73.1649, 79.3474, 104.3879

Protanomaly

75.5282, 78.9308, 102.5212

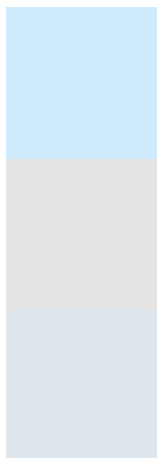
Deuteranomaly

77.9459, 79.3006, 104.9643

Tritanomaly

73.1649, 79.3474, 104.3879

Monochromacy



Original Color

73.1649, 79.3474, 104.3879

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4017, 78.0802, 91.3231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1649, 79.3474, 104.3879 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 234, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 234, 253) }
```

Border

The CSS property to change the border of an element to XYZ 73.1649, 79.3474, 104.3879 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, 253) }
```


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

```
.border{ border-color:rgb(208, 234, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 234, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 234, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 234,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1649, 79.3474, 104.3879 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, 253) }
```

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

```
.background{ background-color: rgb(208,  
234, 253) }
```

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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