

Converting Colors

XYZ(72.4559, 79.4241,
103.6070)

Have a look what the booklet for
XYZ(72.4559, 79.4241, 103.6070)
contains.

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Color

**XYZ(72.4559, 79.4241,
103.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEBFC
RGB	205, 235, 252
RGB Percent	80%, 92%, 99%
CMY	0.1961, 0.0784, 0.0118
CMYK	0.19, 0.07, 0.00, 0.01
HSL	202°, 89%, 90%
HSV	202°, 19%, 99%
XYZ	72.4559, 79.4241, 103.6070
YIQ	227.9680, -23.3370, -1.0730

Conversions

Conversions Part 2

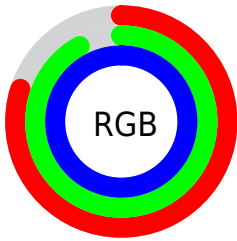
Format	Color
R _Y B	205, 223, 252
Decimal	13495292
CIE Lab	91.43, -6.29, -11.50
CIE LCh	91, 13.106, 241.325
Yxy	79.4241, 0.2836, 0.3109
Android (android.graphics.Color)	4291685372 (0xFFCDEBFC)
YUV	227.9680, 11.8478, -20.1429
Hunter-Lab	89.1202, -10.8375, -6.5437

Details

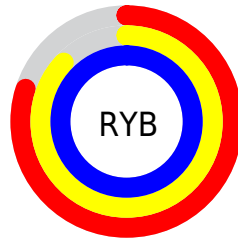
The XYZ color **72.4559, 79.4241, 103.6070** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2863, 77.3459, 68.6152**, and the grayscale version is **73.6497, 77.4852, 84.3814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5481, 42.6644, 57.8331** is the 20% darker color. If you saturate the color by 10%, you get **63.5143, 71.0417, 102.4616**, and if you desaturate by 10%, it is **82.6555, 88.6575, 104.8529**.

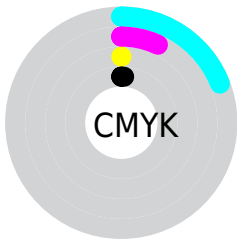
Distribution



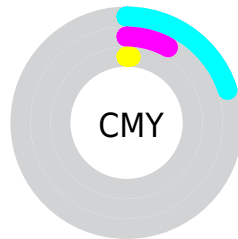
- Red (80%)
- Green (92%)
- Blue (99%)



- Red (80%)
- Yellow (87%)
- Blue (99%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4559, 79.4241, 103.6070 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 72.4559, 79.4241, 103.6070 by changing the saturation by 10% instead.

■ 72.4559, 79.4241,
103.6070

■ 72.4559, 79.4241,
103.6070

458.2599,
492.9899, 593.0413

■ 53.8180, 59.2446,
78.6827

121.7118,
132.5557, 168.2002

■ 38.6862, 42.8100,
58.1152

153.0604,
166.2766, 208.7062

■ 26.6954, 29.7361,
41.4859

189.3767,
205.2801, 255.2431

■ 17.4800, 19.6384,
28.3764

231.0260,
249.9505, 308.2296

■ 10.6747, 12.1324,
18.3681

278.3736,
300.6723, 368.0841

■ 5.9142, 6.8339,
11.0424

331.7849,

■ 2.8331, 3.3585,

357.8299, 435.2252

5.9808

391.6252,
421.8076, 510.0714

■ 1.0662, 1.3216,
2.7648

■ 0.0000, 0.1578,
0.9758

■ 72.4559, 79.4241,
103.6070

■ 72.4559, 79.4241,
103.6070

■ 63.5143, 71.0417,
102.4616

■ 82.6555, 88.6575,
104.8529

■ 55.7680, 63.4690,
101.4082

■ 94.0094, 98.6853,
106.1901

■ 49.1596, 56.6755,
100.4452

■ 94.5709, 99.8084,
106.3773

■ 43.6237, 50.6242,
99.5690

■ 39.0875, 45.2746,
98.7755

■ 35.4685, 40.5809,
98.0602

■ 32.6693, 36.4895,
97.4181

■ 30.5511, 32.9254,
96.8418

■ 30.2927, 32.4719,
96.7678

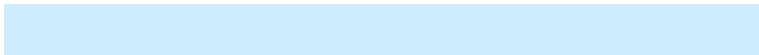
Harmonies

Analogous

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



70.1457, 79.4241, 96.3792



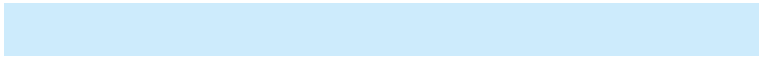
72.4559, 79.4241, 103.6070



75.6385, 79.4241, 106.1620

Triad

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



72.4559, 79.4241, 103.6070



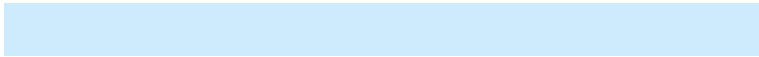
82.0818, 79.4241, 86.0555



72.2064, 79.4241, 71.7257

Complementary

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



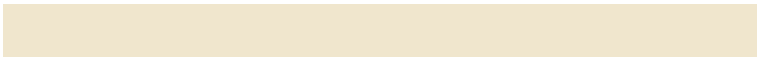
72.4559, 79.4241, 103.6070



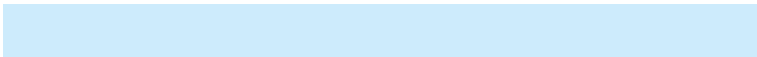
77.2863, 77.3459, 68.6152

Split Complementary

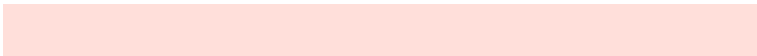
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3421, 79.4241, 69.3935



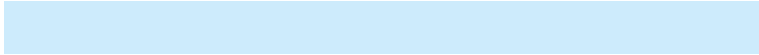
72.4559, 79.4241, 103.6070



81.0996, 79.4241, 77.2817

Square

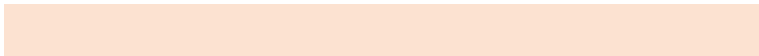
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4559, 79.4241, 103.6070



81.2551, 79.4241, 95.5910



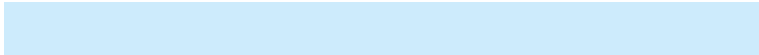
78.6081, 79.4241, 71.3517



70.0046, 79.4241, 77.9659

Rectangle

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



72.4559, 79.4241, 103.6070



77.8454, 79.4241, 104.7330



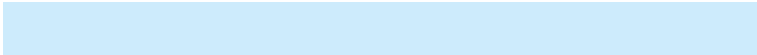
78.6081, 79.4241, 71.3517



73.1830, 79.4241, 70.4803

Sweetspot

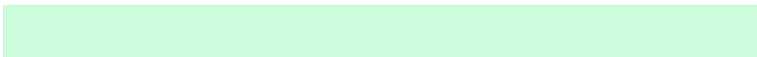
The Sweet Spot groups the original color and five complimentary colors.



72.4583, 79.4274, 103.6088



87.9036, 93.7332, 108.0670



73.1000, 87.8459, 81.8262



18.6548, 19.9210, 23.1119



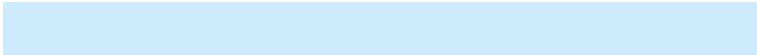
0.0000, 0.0000, 0.0000



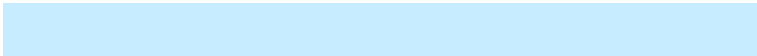
20.3446, 21.4041, 23.3091

Same Dimension

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



72.4583, 79.4274, 103.6088



71.2026, 78.6003, 106.0263



66.3052, 67.1212, 101.5578



17.2071, 18.4910, 22.0475



15.9245, 17.2046, 50.4551



1.5754, 1.7946, 4.7065

Inverse Universe

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



76.9735, 70.3581, 88.1245



76.5942, 68.0424, 87.4758



83.8030, 90.3793, 70.7874



17.7111, 17.4118, 20.3342



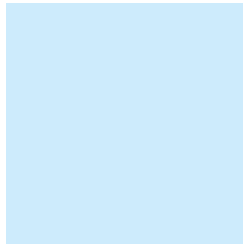
24.3300, 12.1477, 18.9779



2.3041, 1.1454, 2.0250

Previews

White Background



This preview shows how the XYZ color 72.4559, 79.4241, 103.6070 looks on a white background.

Color Contrast Check

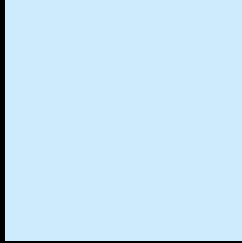
Large Text (above 18pt) WCAG AA × Fail

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 72.4559, 79.4241, 103.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

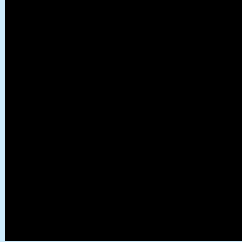
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4559, 79.4241, 103.6070

Background



This preview shows how black text looks on a background with the XYZ color 72.4559, 79.4241, 103.6070.

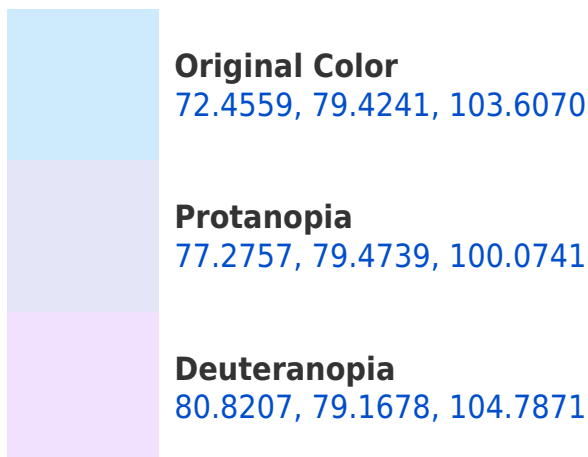


This preview shows how white text looks on a background with the XYZ color 72.4559, 79.4241,

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

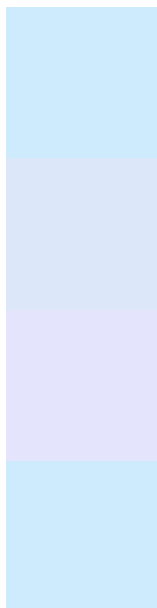




Tritanopia

72.6148, 79.4876, 104.4439

Trichromacy



Original Color

72.4559, 79.4241, 103.6070

Protanomaly

75.1900, 79.2070, 100.9481

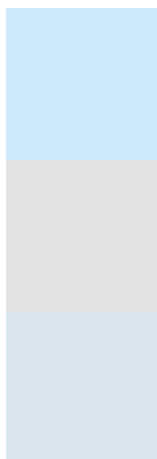
Deuteranomaly

77.4679, 79.0726, 104.1081

Tritanomaly

72.6148, 79.4876, 104.4439

Monochromacy



Original Color

72.4559, 79.4241, 103.6070

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3772, 78.4819, 91.4019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4559, 79.4241, 103.6070 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(205, 235, 252)` looks like.

```
.text, #text, p{  
    color:rgb(205, 235, 252)  
}
```

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(205, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 235, 252) }
```

Border

The CSS property to change the border of an element to XYZ 72.4559, 79.4241, 103.6070 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(205, 235, 252) }
```


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

```
.border{ border-color:rgb(205, 235, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 235, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(205, 235,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4559, 79.4241, 103.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 235, 252) }
```

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

```
.background{ background-color: rgb(205,  
235, 252) }
```

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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