

Converting Colors

XYZ(71.6743, 79.8760,
103.7354)

Have a look what the booklet for
XYZ(71.6743, 79.8760, 103.7354)
contains.

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Color

**XYZ(71.6743, 79.8760,
103.7354)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EDFC
RGB	200, 237, 252
RGB Percent	78%, 93%, 99%
CMY	0.2157, 0.0706, 0.0118
CMYK	0.21, 0.06, 0.00, 0.01
HSL	197°, 90%, 89%
HSV	197°, 21%, 99%
XYZ	71.6743, 79.8760, 103.7354
YIQ	227.6470, -26.8670, -3.1790

Conversions

Conversions Part 2

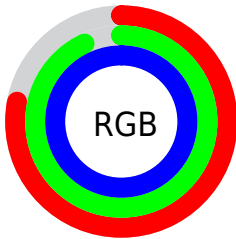
Format	Color
R _{YB}	200, 222, 252
Decimal	13168124
CIE Lab	91.63, -8.81, -11.23
CIE LCh	92, 14.275, 231.873
Yxy	79.8760, 0.2808, 0.3129
Android (android.graphics.Color)	4291358204 (0xFFC8EDFC)
YUV	227.6470, 12.0060, -24.2464
Hunter-Lab	89.3734, -13.2527, -6.2564

Details

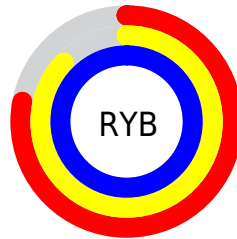
The XYZ color **71.6743, 79.8760, 103.7354** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8714, 73.4667, 64.8797**, and the grayscale version is **73.4161, 77.2394, 84.1137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0513, 43.0076, 57.9255** is the 20% darker color. If you saturate the color by 10%, you get **63.4295, 72.5668, 102.7604**, and if you desaturate by 10%, it is **81.1184, 87.9341, 104.7943**.

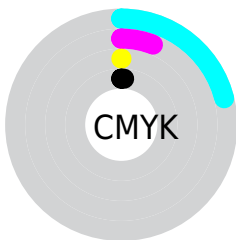
Distribution



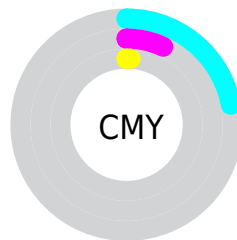
- Red (78%)
- Green (93%)
- Blue (99%)



- Red (78%)
- Yellow (87%)
- Blue (99%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6743, 79.8760, 103.7354 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 71.6743, 79.8760, 103.7354 by changing the saturation by 10% instead.

71.6743, 79.8760,
103.7354

71.6743, 79.8760,
103.7354

455.5824,
494.5148, 593.4521

53.1772, 59.6163,
78.7896

120.6067,
133.1914, 168.3776

38.1723, 43.1095,
58.2025

151.7726,
167.0159, 208.9110

26.2942, 29.9710,
41.5557

187.8922,
206.1308, 255.4773

17.1777, 19.8166,
28.4306

229.3308,
250.9204, 308.4952

10.4574, 12.2618,
18.4086

276.4538,
301.7693, 368.3830

5.7678, 6.9222,
11.0713

329.6265,

2.7437, 3.4135,

359.0617, 435.5594

6.0000

389.2142,
423.1821, 510.4430

■ 1.0197, 1.3512,
2.7763

■ 0.0000, 0.1804,
0.9816

■ 71.6743, 79.8760,
103.7354

■ 71.6743, 79.8760,
103.7354

■ 63.4295, 72.5668,
102.7604

■ 81.1184, 87.9341,
104.7943

■ 56.3216, 65.9668,
101.8611

■ 91.8062, 96.7595,
105.9345

■ 50.2931, 60.0469,
101.0362

■ 94.5709, 99.8084,
106.3773

■ 45.2782, 54.7716,
100.2823

■ 41.2038, 50.1017,
99.5957

■ 37.9860, 45.9923,
98.9721

■ 35.5244, 42.3902,
98.4065

■ 33.7558, 39.3981,
97.9222

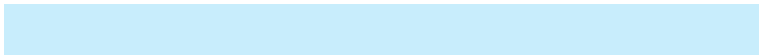
Harmonies

Analogous

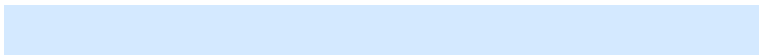
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.5997, 79.8760, 94.6653



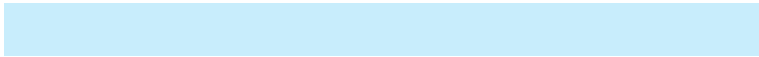
71.6743, 79.8760, 103.7354



74.9332, 79.8760, 108.3932

Triad

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



71.6743, 79.8760, 103.7354



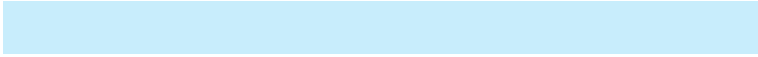
83.0713, 79.8760, 89.8400



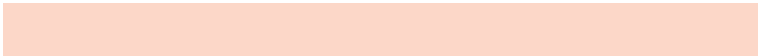
73.3386, 79.8760, 69.6426

Complementary

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



71.6743, 79.8760, 103.7354



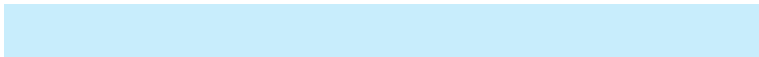
74.8714, 73.4667, 64.8797

Split Complementary

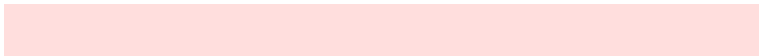
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9149, 79.8760, 68.5760



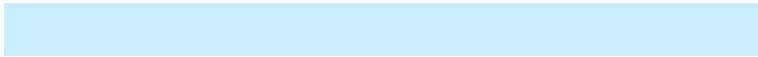
71.6743, 79.8760, 103.7354



82.6112, 79.8760, 79.7060

Square

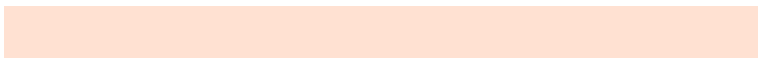
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6743, 79.8760, 103.7354



81.5674, 79.8760, 99.9619



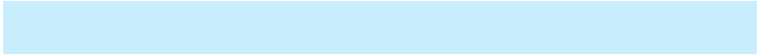
80.3296, 79.8760, 72.1183



70.5390, 79.8760, 75.1581

Rectangle

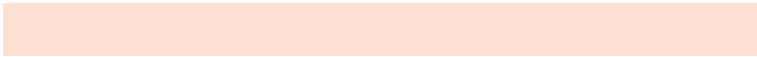
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



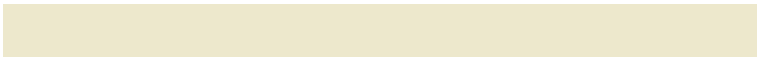
71.6743, 79.8760, 103.7354



77.3708, 79.8760, 108.1296



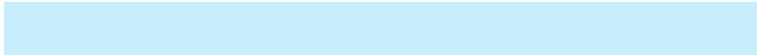
80.3296, 79.8760, 72.1183



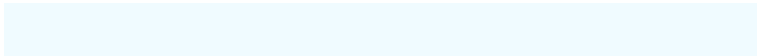
74.4870, 79.8760, 68.7706

Sweetspot

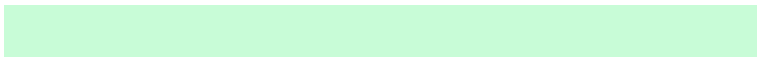
The Sweet Spot groups the original color and five complimentary colors.



71.6767, 79.8793, 103.7372



88.2518, 94.4296, 108.1831



70.8629, 86.7942, 77.1302



18.7372, 20.0858, 23.1393



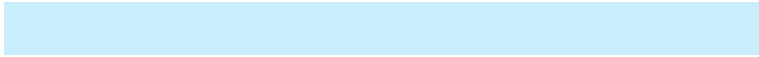
0.0000, 0.0000, 0.0000



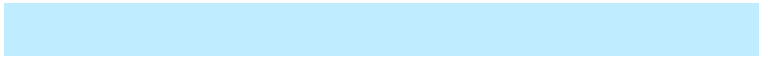
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6767, 79.8793, 103.7372



69.7714, 78.6740, 106.1160



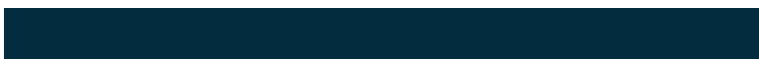
64.7523, 66.0305, 101.4291



17.3182, 18.7131, 22.0845



17.7163, 20.7882, 51.0523



1.7317, 2.1071, 4.7586

Inverse Universe

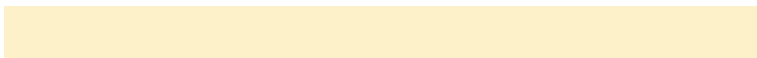
The Inverse Universe completely reimagines the original color for something new.



76.0871, 68.1203, 89.2627



75.1551, 64.7226, 88.3571



81.9480, 87.6199, 67.2385



17.7671, 17.4342, 20.6294



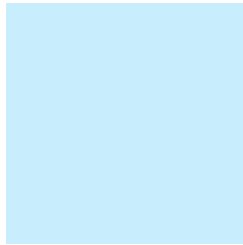
25.2344, 12.5095, 23.7405



2.3830, 1.1769, 2.4403

Previews

White Background



This preview shows how the XYZ color 71.6743, 79.8760, 103.7354 looks on a white background.

Color Contrast Check

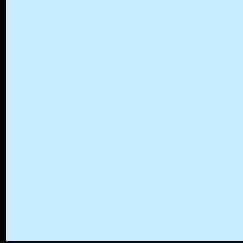
Large Text (above 18pt) WCAG AA × Fail

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 71.6743, 79.8760, 103.7354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

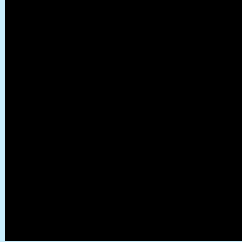
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6743, 79.8760, 103.7354

Background



This preview shows how black text looks on a background with the XYZ color 71.6743, 79.8760, 103.7354.

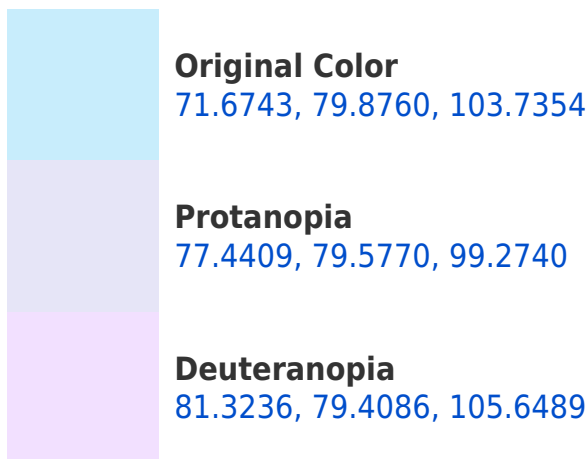


This preview shows how white text looks on a background with the XYZ color 71.6743, 79.8760,

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

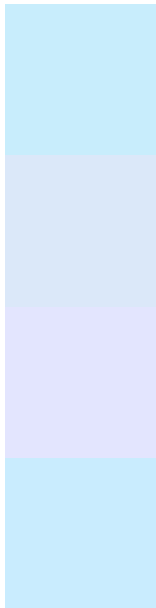




Tritanopia

72.1328, 79.6284, 106.1758

Trichromacy



Original Color

71.6743, 79.8760, 103.7354

Protanomaly

75.1689, 79.6128, 101.0275

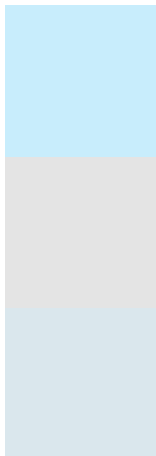
Deuteranomaly

77.5873, 79.5253, 105.0266

Tritanomaly

71.9722, 79.5642, 105.3300

Monochromacy



Original Color

71.6743, 79.8760, 103.7354

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.7754, 78.1717, 91.3737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6743, 79.8760, 103.7354 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(200, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(200, 237, 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(200, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 237, 252) }
```

Border

The CSS property to change the border of an element to XYZ 71.6743, 79.8760, 103.7354 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(200, 237, 252) }
```


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

```
.border{ border-color:rgb(200, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(200, 237,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6743, 79.8760, 103.7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 237, 252) }
```

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

```
.background{ background-color: rgb(200,  
237, 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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