

Converting Colors

XYZ(71.7403, 76.5553,
100.0933)

Have a look what the booklet for
XYZ(71.7403, 76.5553, 100.0933)
contains.

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Color

**XYZ(71.8266, 76.6648,
99.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E5F8
RGB	211, 229, 248
RGB Percent	83%, 90%, 97%
CMY	0.1725, 0.1019, 0.0274
CMYK	0.15, 0.08, 0.00, 0.03
HSL	211°, 73%, 90%
HSV	211°, 15%, 97%
XYZ	71.8266, 76.6648, 99.8191
YIQ	225.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

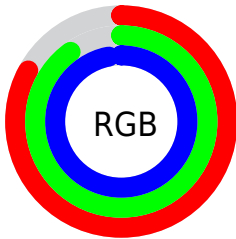
Format	Color
R _Y B	211, 223, 248
Decimal	13886968
CIE Lab	90.17, -2.19, -11.24
CIE LCh	90, 11.453, 258.978
Yxy	76.6648, 0.2893, 0.3087
Android (android.graphics.Color)	4292077048 (0xFFD3E5F8)
YUV	225.7840, 10.9525, -12.9656
Hunter-Lab	87.5584, -6.7988, -6.3014

Details

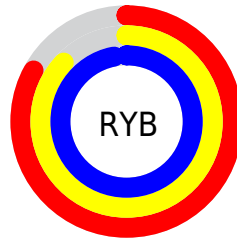
The XYZ color **71.8266, 76.6648, 99.8191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.7668, 81.2532, 73.1617**, and the grayscale version is **72.0667, 75.8198, 82.5678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3608, 41.1458, 55.7893** is the 20% darker color. If you saturate the color by 10%, you get **61.8679, 66.4928, 98.3818**, and if you desaturate by 10%, it is **83.1444, 87.9251, 101.3973**.

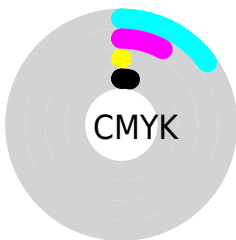
Distribution



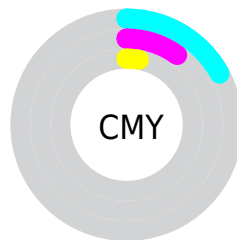
- Red (83%)
- Green (90%)
- Blue (97%)



- Red (83%)
- Yellow (87%)
- Blue (97%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8266, 76.6648, 99.8191 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 71.8266, 76.6648, 99.8191 by changing the saturation by 10% instead.

■ 71.8266, 76.6648,
99.8191

■ 71.8266, 76.6648,
99.8191

456.1048,
483.6204, 580.8543

■ 53.3020, 56.9778,
75.5334

120.8221,
128.6662, 162.9583

■ 38.2724, 40.9874,
55.5456

152.0237,
161.7494, 202.6488

■ 26.3723, 28.3093,
39.4372

188.1817,
200.0668, 248.3115

■ 17.2365, 18.5589,
26.7896

229.6614,
244.0028, 300.3647

■ 10.4996, 11.3520,
17.1842

276.8283,
293.9417, 359.2270

■ 5.7962, 6.3041,
10.2026

330.0475,

■ 2.7611, 3.0309,

350.2680, 425.3171

5.4261

389.6846,
413.3661, 499.0533

■ 1.0287, 1.1479,
2.4363

■ 0.0000, 0.0185,
0.8061

■ 71.8266, 76.6648,
99.8191

■ 71.8266, 76.6648,
99.8191

■ 61.8679, 66.4928,
98.3818

■ 83.1444, 87.9251,
101.3973

■ 53.2059, 57.3628,
97.0761

■ 93.7752, 99.2207,
103.0172

■ 45.7832, 49.2387,
95.8992

■ 93.9435, 99.5574,
103.0734

■ 39.5350, 42.0784,
94.8464

■ 34.3904, 35.8361,
93.9127

■ 30.2694, 30.4614,
93.0925

■ 27.0803, 25.8968,
92.3795

■ 24.7109, 22.0744,
91.7666

■ 23.7406, 20.3716,
91.4890

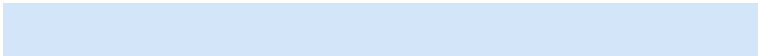
Harmonies

Analogous

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



69.3352, 76.6648, 95.8636



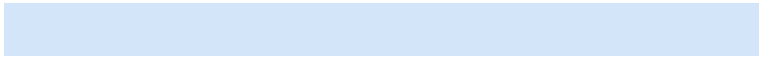
71.8266, 76.6648, 99.8191



74.6614, 76.6648, 99.1865

Triad

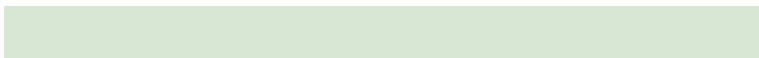
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8266, 76.6648, 99.8191



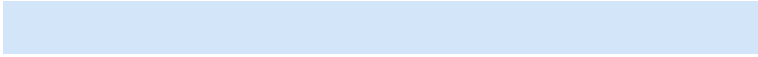
78.1648, 76.6648, 78.4821



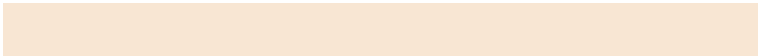
68.8172, 76.6648, 73.6071

Complementary

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



71.8266, 76.6648, 99.8191



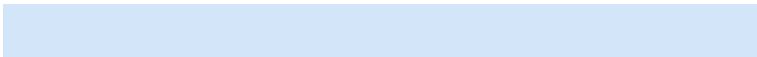
78.7668, 81.2532, 73.1617

Split Complementary

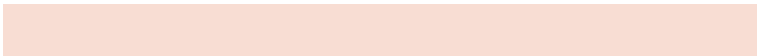
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1027, 76.6648, 69.5169



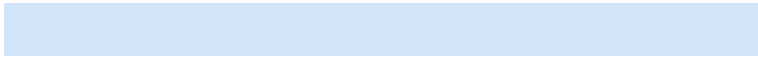
71.8266, 76.6648, 99.8191



76.5179, 76.6648, 72.2024

Square

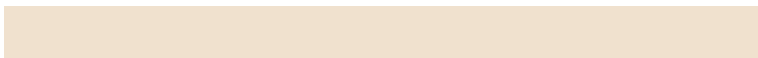
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8266, 76.6648, 99.8191



78.3709, 76.6648, 86.5065



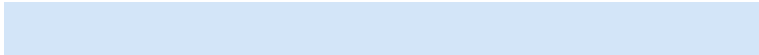
73.9186, 76.6648, 69.0200



67.6281, 76.6648, 80.5150

Rectangle

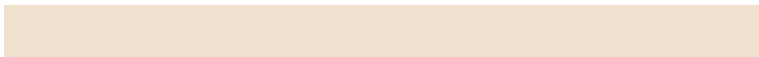
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



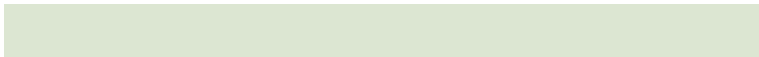
71.8266, 76.6648, 99.8191



76.3636, 76.6648, 96.2581



73.9186, 76.6648, 69.0200



69.4799, 76.6648, 71.8768

Sweetspot

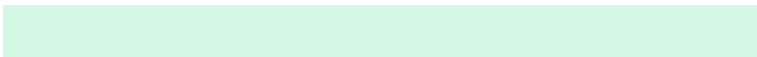
The Sweet Spot groups the original color and five complimentary colors.



71.8289, 76.6680, 99.8208



89.7484, 94.8205, 108.1797



74.6457, 86.6703, 87.2916



19.0022, 20.0916, 23.1265



0.0000, 0.0000, 0.0000



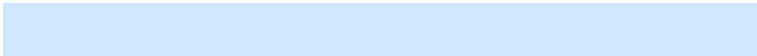
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8289, 76.6680, 99.8208



73.0701, 78.1845, 105.8477



67.1031, 67.2165, 98.2456



16.9802, 18.0372, 21.9719



12.9638, 11.2832, 49.4682



1.3064, 1.2564, 4.6168

Inverse Universe

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



76.1504, 72.2040, 84.0555



78.5501, 72.7040, 85.8157



84.0380, 91.7958, 74.9188



17.5965, 17.3660, 19.7311



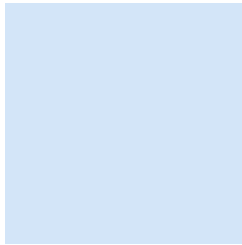
22.8356, 11.5499, 11.1085



2.1683, 1.0911, 1.3098

Previews

White Background



This preview shows how the XYZ color 71.8266, 76.6648, 99.8191 looks on a white background.

Color Contrast Check

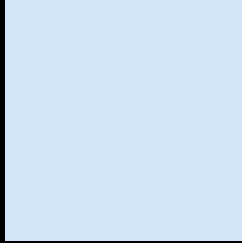
Large Text (above 18pt) WCAG AA × Fail

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 71.8266, 76.6648, 99.8191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

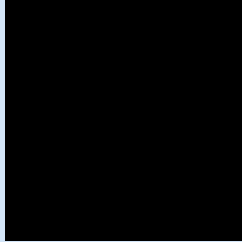
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

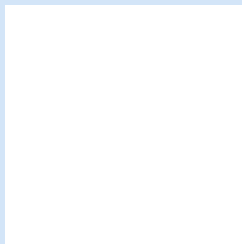
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8266, 76.6648, 99.8191

Background



This preview shows how black text looks on a background with the XYZ color 71.8266, 76.6648, 99.8191.



This preview shows how white text looks on a background with the XYZ color 71.8266, 76.6648,

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

71.8266, 76.6648, 99.8191

Protanopia

74.6111, 76.5118, 98.0246

Deuteranopia

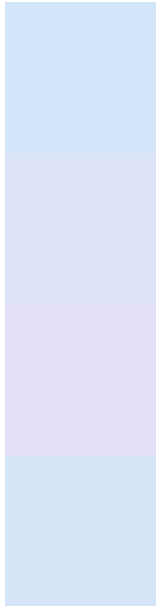
78.1084, 76.2657, 101.0465



Tritanopia

71.6718, 76.6029, 99.0040

Trichromacy



Original Color

71.8266, 76.6648, 99.8191

Protanomaly

73.5001, 76.3238, 98.8538

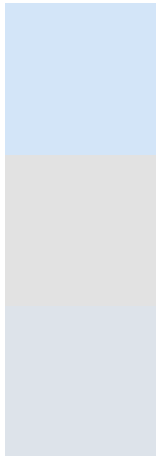
Deuteranomaly

75.4815, 76.1089, 100.3347

Tritanomaly

71.6718, 76.6029, 99.0040

Monochromacy



Original Color

71.8266, 76.6648, 99.8191

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1392, 76.2508, 88.7576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8266, 76.6648, 99.8191 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(211, 229, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 229, 248)  
}
```

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(211, 229, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 229, 248) }
```

Border

The CSS property to change the border of an element to XYZ 71.8266, 76.6648, 99.8191 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(211, 229, 248) }
```


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

```
.border{ border-color:rgb(211, 229, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 229, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 229, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 229, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 229,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8266, 76.6648, 99.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 229, 248) }
```

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

```
.background{ background-color: rgb(211,  
229, 248) }
```

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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