

Converting Colors

XYZ(73.2359, 79.4777,
100.2973)

Have a look what the booklet for
XYZ(73.2359, 79.4777, 100.2973)
contains.

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Color

**XYZ(73.2301, 79.4718,
100.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EAF8
RGB	211, 234, 248
RGB Percent	83%, 92%, 97%
CMY	0.1725, 0.0823, 0.0274
CMYK	0.15, 0.06, 0.00, 0.03
HSL	203°, 73%, 90%
HSV	203°, 15%, 97%
XYZ	73.2301, 79.4718, 100.2869
YIQ	228.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

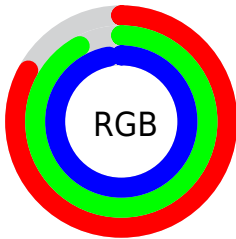
Format	Color
R_{YB}	211, 225, 248
Decimal	13888248
CIE _{Lab}	91.45, -4.76, -9.34
CIE _{LCh}	91, 10.481, 242.987
Yxy	79.4718, 0.2895, 0.3141
Android (android.graphics.Color)	4292078328 (0xFFD3EAF8)
YUV	228.7190, 9.5055, -15.5396
Hunter-Lab	89.1470, -9.3777, -4.2961

Details

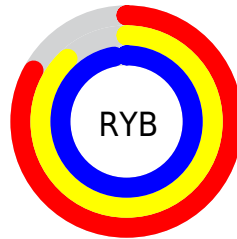
The XYZ color **73.2301, 79.4718, 100.2869** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3952, 78.5101, 72.7045**, and the grayscale version is **74.2136, 78.0785, 85.0274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1451, 42.7145, 56.0507** is the 20% darker color. If you saturate the color by 10%, you get **64.0658, 70.8887, 99.1145**, and if you desaturate by 10%, it is **83.6366, 88.9095, 101.5613**.

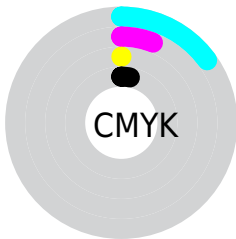
Distribution



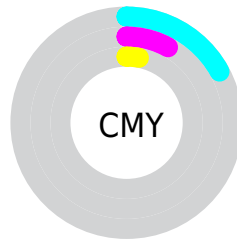
- Red (83%)
- Green (92%)
- Blue (97%)



- Red (83%)
- Yellow (88%)
- Blue (97%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2301, 79.4718, 100.2869 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 73.2301, 79.4718, 100.2869 by changing the saturation by 10% instead.

■ 73.2301, 79.4718,
100.2869

■ 73.2301, 79.4718,
100.2869

460.9034,
493.1510, 582.3666

■ 54.4532, 59.2838,
75.9219

122.8052,
132.6229, 163.6067

■ 39.1962, 42.8416,
55.8622

154.3341,
166.3547, 203.3986

■ 27.0938, 29.7609,
39.6892

190.8443,
205.3699, 249.1700

■ 17.7806, 19.6571,
26.9844

232.7013,
250.0530, 301.3393

■ 10.8913, 12.1461,
17.3292

280.2703,
300.7882, 360.3250

■ 6.0606, 6.8432,
10.3050

333.9167,

■ 2.9230, 3.3643,

357.9600, 426.5458

5.4934

394.0060,
421.9528, 500.4202

■ 1.1132, 1.3247,
2.4758

■ 0.0361, 0.1602,
0.8273

■ 73.2301, 79.4718,
100.2869

■ 73.2301, 79.4718,
100.2869

■ 64.0658, 70.8887,
99.1145

■ 83.6366, 88.9095,
101.5613

■ 56.0846, 63.1201,
98.0356

■ 93.2358, 98.1420,
102.8375

■ 49.2324, 56.1371,
97.0489

■ 93.9435, 99.5574,
103.0734

■ 43.4482, 49.9047,
96.1508

■ 38.6648, 44.3849,
95.3375

■ 34.8063, 39.5350,
94.6047

■ 31.7849, 35.3061,
93.9477

■ 29.4932, 31.6390,
93.3607

■ 28.5293, 29.9490,
93.0853

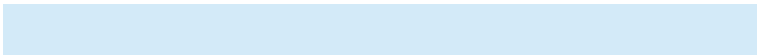
Harmonies

Analogous

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



71.3150, 79.4718, 94.7766



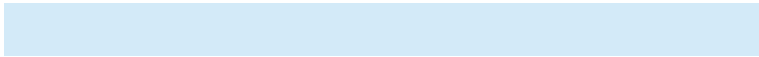
73.2301, 79.4718, 100.2869



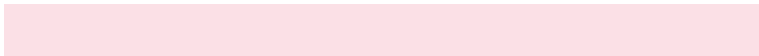
75.8031, 79.4718, 102.0430

Triad

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



73.2301, 79.4718, 100.2869



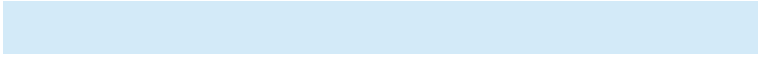
80.7736, 79.4718, 85.7683



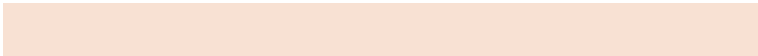
72.7777, 79.4718, 74.7869

Complementary

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



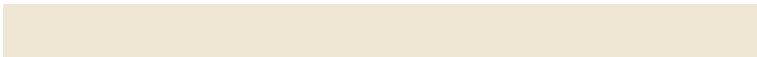
73.2301, 79.4718, 100.2869



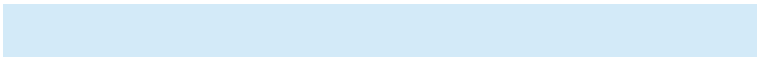
77.3952, 78.5101, 72.7045

Split Complementary

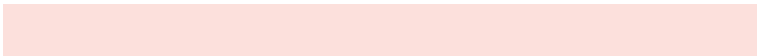
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2687, 79.4718, 72.6770



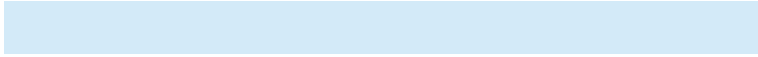
73.2301, 79.4718, 100.2869



79.9194, 79.4718, 78.7786

Square

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



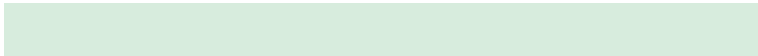
73.2301, 79.4718, 100.2869



80.1972, 79.4718, 93.3752



77.8889, 79.4718, 74.0948



71.0582, 79.4718, 80.0302

Rectangle

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



73.2301, 79.4718, 100.2869



77.5560, 79.4718, 100.7689



77.8889, 79.4718, 74.0948



73.5505, 79.4718, 73.7022

Sweetspot

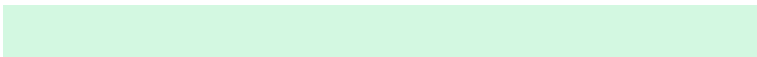
The Sweet Spot groups the original color and five complimentary colors.



73.2324, 79.4751, 100.2887



90.1778, 95.6792, 108.3228



73.9644, 86.3978, 83.7043



19.1109, 20.3090, 23.1627



0.0000, 0.0000, 0.0000



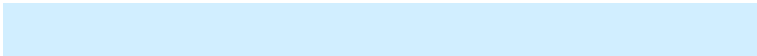
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2324, 79.4751, 100.2887



74.8415, 81.7273, 106.4381



68.3476, 69.7055, 98.6604



17.1820, 18.4407, 22.0391



15.5508, 16.4572, 50.3305



1.5424, 1.7284, 4.6955

Inverse Universe

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



76.8588, 72.4874, 87.7861



79.4442, 73.0617, 90.5240



82.5412, 88.8021, 74.4199



17.6984, 17.4067, 20.2674



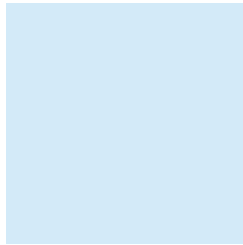
24.1414, 12.0723, 17.9847



2.2874, 1.1387, 1.9370

Previews

White Background



This preview shows how the XYZ color 73.2301, 79.4718, 100.2869 looks on a white background.

Color Contrast Check

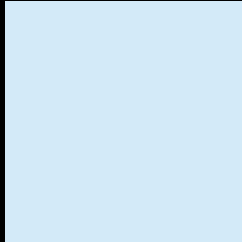
Large Text (above 18pt) WCAG AA × Fail

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 73.2301, 79.4718, 100.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

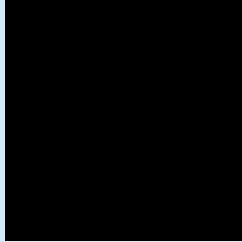
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

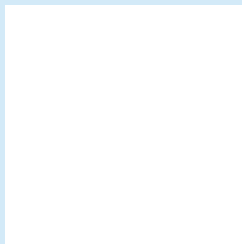
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2301, 79.4718, 100.2869

Background



This preview shows how black text looks on a background with the XYZ color 73.2301, 79.4718, 100.2869.

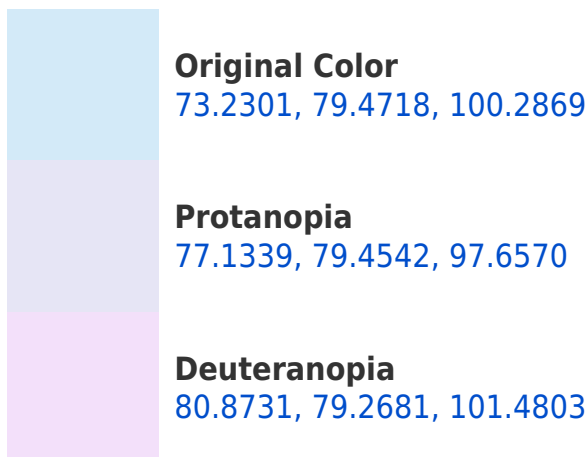


This preview shows how white text looks on a background with the XYZ color 73.2301, 79.4718,

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

73.8610, 79.3032, 103.5096

Trichromacy



Original Color

73.2301, 79.4718, 100.2869

Protanomaly

75.6419, 79.4936, 98.5458

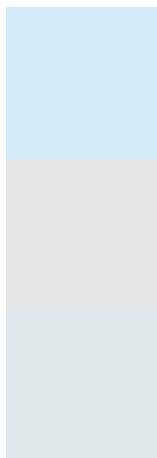
Deuteranomaly

77.7973, 79.3153, 100.8316

Tritanomaly

73.7029, 79.2399, 102.6771

Monochromacy



Original Color

73.2301, 79.4718, 100.2869

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8404, 78.7376, 90.6629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2301, 79.4718, 100.2869 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, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 234, 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, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 234, 248) }
```

Border

The CSS property to change the border of an element to XYZ 73.2301, 79.4718, 100.2869 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, 234, 248) }
```


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

```
.border{ border-color:rgb(211, 234, 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, 234, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 234,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2301, 79.4718, 100.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 234, 248) }
```

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

```
.background{ background-color: rgb(211,  
234, 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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