

Converting Colors

XYZ(71.1184, 74.0901, 94.6371)

Have a look what the booklet for
XYZ(71.1184, 74.0901, 94.6371)
contains.

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Color

**XYZ(71.0300, 73.9379,
94.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DFF2
RGB	217, 223, 242
RGB Percent	85%, 87%, 95%
CMY	0.1490, 0.1255, 0.0510
CMYK	0.10, 0.08, 0.00, 0.05
HSL	226°, 49%, 90%
HSV	226°, 10%, 95%
XYZ	71.0300, 73.9379, 94.5322
YIQ	223.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

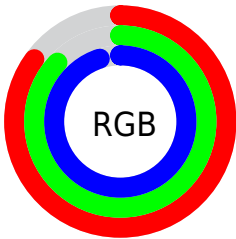
Format	Color
R _Y B	217, 222, 242
Decimal	14278642
CIE Lab	88.89, 1.61, -9.95
CIE LCh	89, 10.076, 279.205
Yxy	73.9379, 0.2966, 0.3087
Android (android.graphics.Color)	4292468722 (0xFFD9DFF2)
YUV	223.3720, 9.1836, -5.5882
Hunter-Lab	85.9872, -3.0269, -4.9910

Details

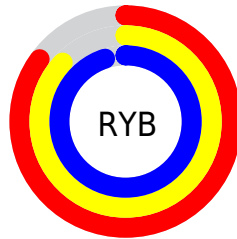
The XYZ color **71.0300, 73.9379, 94.5322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.1382, 83.8775, 77.6660**, and the grayscale version is **70.3472, 74.0108, 80.5977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7658, 39.2318, 52.0364** is the 20% darker color. If you saturate the color by 10%, you get **59.7087, 61.2015, 92.6717**, and if you desaturate by 10%, it is **83.9441, 88.2915, 96.6232**.

Distribution



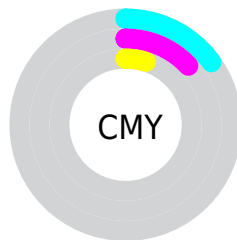
- Red (85%)
- Green (87%)
- Blue (95%)



- Red (85%)
- Yellow (87%)
- Blue (95%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0300, 73.9379, 94.5322 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 71.0300, 73.9379, 94.5322 by changing the saturation by 10% instead.

■ 71.0300, 73.9379,
94.5322

■ 71.0300, 73.9379,
94.5322

453.3685,
474.2590, 563.6123

■ 52.6493, 54.7432,
71.1509

119.6947,
124.8078, 155.6082

■ 37.7492, 39.1962,
51.9828

150.7095,
157.2517, 194.1400

■ 25.9645, 26.9124,
36.6092

186.6663,
194.8809, 238.5591

■ 16.9296, 17.5074,
24.6117

227.9305,
238.0798, 289.2839

■ 10.2793, 10.5969,
15.5716

274.8674,
287.2326, 346.7332

■ 5.6482, 5.7965,
9.0705

327.8425,

■ 2.6710, 2.7217,

342.7238, 411.3253

4.6897

387.2211,
404.9378, 483.4788

■ 0.9823, 0.9882,
2.0109

■ 0.0000, 0.0000,
0.5619

■ 71.0300, 73.9379,
94.5322

■ 71.0300, 73.9379,
94.5322

■ 59.7087, 61.2015,
92.6717

■ 83.9441, 88.2915,
96.6232

■ 49.9109, 50.0154,
91.0289

■ 93.0272, 99.1909,
98.2483

■ 41.5718, 40.3218,
89.5974

■ 34.6195, 32.0555,
88.3683

■ 28.9755, 25.1463,
87.3321

■ 24.5533, 19.5178,
86.4788

■ 21.2552, 15.0851,
85.7970

■ 18.9668, 11.7518,
85.2743

■ 17.5459, 9.4481,
84.9045

Harmonies

Analogous

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



68.6209, 73.9379, 93.7516



71.0300, 73.9379, 94.5322



73.2876, 73.9379, 91.3892

Triad

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



71.0300, 73.9379, 94.5322



73.9797, 73.9379, 72.2965



65.9743, 73.9379, 75.8225

Complementary

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



71.0300, 73.9379, 94.5322



79.1382, 83.8775, 77.6660

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.



67.3476, 73.9379, 70.5227



71.0300, 73.9379, 94.5322



71.9571, 73.9379, 68.5704

Square

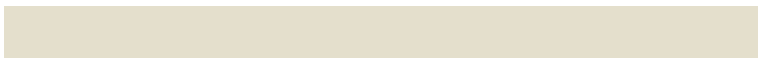
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0300, 73.9379, 94.5322



75.0164, 73.9379, 78.3725



69.5269, 73.9379, 67.9404



65.7392, 73.9379, 82.6775

Rectangle

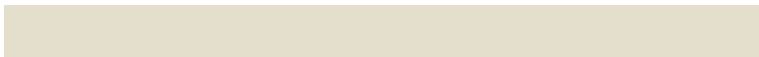
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0300, 73.9379, 94.5322



74.3894, 73.9379, 87.5932



69.5269, 73.9379, 67.9404



66.3166, 73.9379, 73.8114

Sweetspot

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



71.0322, 73.9410, 94.5338



90.4648, 94.9248, 108.1621



75.4727, 84.2989, 91.4613



19.1069, 20.0336, 23.1098



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.



71.0322, 73.9410, 94.5338



77.7003, 80.7026, 106.0897



71.3498, 71.7657, 94.0972



15.2054, 15.8450, 19.9786



9.5138, 5.2518, 45.6401



0.8663, 0.5865, 3.8218

Inverse Universe

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



74.7518, 73.8323, 80.1268



82.5330, 80.5984, 87.3633



78.7869, 86.3054, 78.1532



15.9284, 15.8211, 17.1791



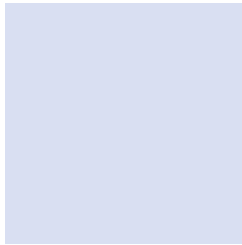
20.1277, 10.3235, 3.3232



1.7122, 0.8739, 0.4753

Previews

White Background



This preview shows how the XYZ color 71.0300, 73.9379, 94.5322 looks on a white background.

Color Contrast Check

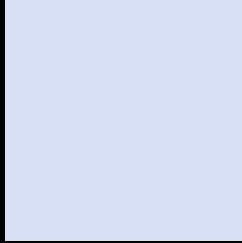
Large Text (above 18pt) WCAG AA × Fail

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 71.0300, 73.9379, 94.5322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

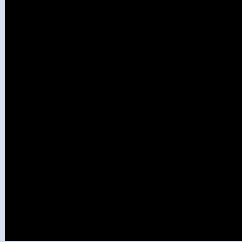
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0300, 73.9379, 94.5322

Background



This preview shows how black text looks on a background with the XYZ color 71.0300, 73.9379, 94.5322.



This preview shows how white text looks on a background with the XYZ color 71.0300, 73.9379,

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

71.0300, 73.9379, 94.5322

Protanopia

72.1227, 74.1230, 93.7250

Deuteranopia

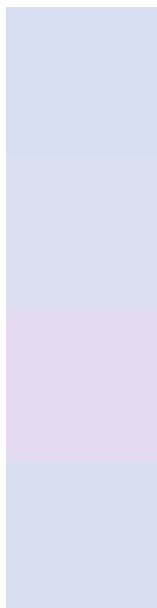
75.2515, 73.7589, 95.0647



Tritanopia

70.8801, 73.8779, 93.7432

Trichromacy



Original Color

71.0300, 73.9379, 94.5322

Protanomaly

71.5137, 73.8091, 93.6965

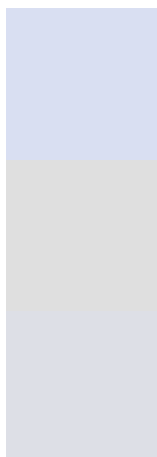
Deuteranomaly

73.5041, 73.6281, 95.1316

Tritanomaly

70.8801, 73.8779, 93.7432

Monochromacy



Original Color

71.0300, 73.9379, 94.5322

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4894, 73.8607, 85.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0300, 73.9379, 94.5322 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(217, 223, 242) looks like.

```
.text, #text, p{  
    color:rgb(217, 223, 242)  
}
```

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(217, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.0300, 73.9379, 94.5322 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(217, 223, 242) }
```


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

```
.border{ border-color:rgb(217, 223, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 223, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 223,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0300, 73.9379, 94.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 223, 242) }
```

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

```
.background{ background-color: rgb(217,  
223, 242) }
```

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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