

Converting Colors

XYZ(71.0398, 73.8195, 93.9720)

Have a look what the booklet for
XYZ(71.0398, 73.8195, 93.9720)
contains.

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Color

**XYZ(71.1783, 74.0317,
93.7571)**

Conversions

Conversions Part 1

Format	Color
Hex	DADFF1
RGB	218, 223, 241
RGB Percent	85%, 87%, 95%
CMY	0.1451, 0.1255, 0.0549
CMYK	0.10, 0.07, 0.00, 0.05
HSL	227°, 45%, 90%
HSV	227°, 10%, 95%
XYZ	71.1783, 74.0317, 93.7571
YIQ	223.5570, -8.7580, 4.5380

Conversions

Conversions Part 2

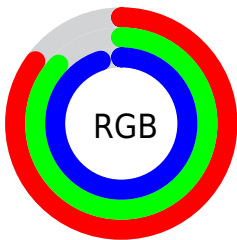
Format	Color
R _Y B	218, 222, 241
Decimal	14344177
CIE Lab	88.94, 1.74, -9.35
CIE LCh	89, 9.507, 280.523
Yxy	74.0317, 0.2979, 0.3098
Android (android.graphics.Color)	4292534257 (0xFFDADFF1)
YUV	223.5570, 8.5994, -4.8735
Hunter-Lab	86.0417, -2.9081, -4.3774

Details

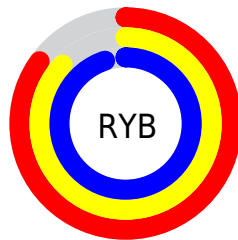
The XYZ color **71.1783, 74.0317, 93.7571** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9262, 83.7529, 78.3371**, and the grayscale version is **70.4825, 74.1530, 80.7527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8638, 39.2946, 51.4879** is the 20% darker color. If you saturate the color by 10%, you get **59.7283, 61.0633, 91.8586**, and if you desaturate by 10%, it is **84.2416, 88.6688, 95.8950**.

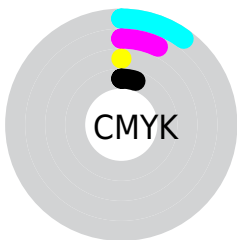
Distribution



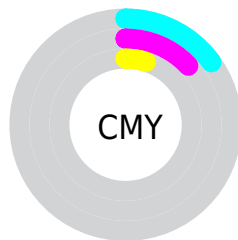
- Red (85%)
- Green (87%)
- Blue (95%)



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



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1783, 74.0317, 93.7571 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 71.1783, 74.0317, 93.7571 by changing the saturation by 10% instead.

■ 71.1783, 74.0317,
93.7571

■ 71.1783, 74.0317,
93.7571

453.8786,
474.5828, 561.0606

■ 52.7708, 54.8200,
70.5098

119.9047,
124.9407, 154.5271

■ 37.8466, 39.2576,
51.4629

150.9543,
157.4069, 192.8869

■ 26.0403, 26.9602,
36.1978

186.9486,
195.0599, 237.1213

■ 16.9866, 17.5433,
24.2961

228.2530,
238.2843, 287.6488

■ 10.3202, 10.6226,
15.3392

275.2329,
287.4643, 344.8879

■ 5.6757, 5.8137,
8.9085

328.2535,

■ 2.6877, 2.7321,

342.9845, 409.2572

4.5856

387.6803,
405.2292, 481.1753

■ 0.9908, 0.9935,
1.9518

■ 0.0000, 0.0000,
0.5254

■ 71.1783, 74.0317,
93.7571

■ 71.1783, 74.0317,
93.7571

■ 59.7283, 61.0633,
91.8586

■ 84.2416, 88.6688,
95.8950

■ 49.8219, 49.6944,
90.1863

■ 92.8774, 99.1310,
97.4592

■ 41.3935, 39.8647,
88.7332

■ 34.3705, 31.5064,
87.4900

■ 28.6739, 24.5463,
86.4468

■ 24.2164, 18.9050,
85.5929

■ 20.8999, 14.4942,
84.9163

■ 18.6101, 11.2138,
84.4038

■ 17.1775, 8.9306,
84.0386

Harmonies

Analogous

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



68.8959, 74.0317, 93.1904



71.1783, 74.0317, 93.7571



73.2872, 74.0317, 90.6575

Triad

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



71.1783, 74.0317, 93.7571



73.7916, 74.0317, 72.6306



66.2644, 74.0317, 76.4451

Complementary

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



71.1783, 74.0317, 93.7571



78.9262, 83.7529, 78.3371

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.



67.5213, 74.0317, 71.3299



71.1783, 74.0317, 93.7571



71.8546, 74.0317, 69.2123

Square

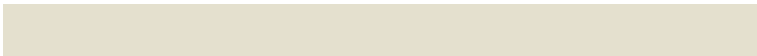
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1783, 74.0317, 93.7571



74.8178, 74.0317, 78.3096



69.5577, 74.0317, 68.7495



66.0923, 74.0317, 82.9508

Rectangle

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



71.1783, 74.0317, 93.7571



74.2984, 74.0317, 87.0235



69.5577, 74.0317, 68.7495



66.5728, 74.0317, 74.5157

Sweetspot

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



71.1805, 74.0348, 93.7587



90.4114, 94.8180, 108.1443



75.4570, 83.8521, 91.2871



19.0926, 20.0049, 23.1050



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.



71.1805, 74.0348, 93.7587



78.8664, 81.8500, 106.2497



71.7317, 72.3637, 93.4071



15.1760, 15.7861, 19.9688



9.3666, 4.9575, 45.5911



0.8502, 0.5544, 3.8164

Inverse Universe

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



74.6680, 74.1728, 80.1971



83.4108, 82.0570, 88.5721



78.3283, 85.6132, 78.7276



15.9135, 15.8151, 17.1009



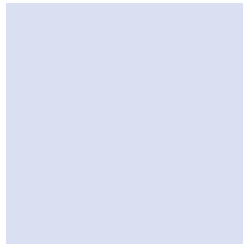
20.0535, 10.2938, 2.9321



1.7041, 0.8707, 0.4326

Previews

White Background



This preview shows how the XYZ color 71.1783, 74.0317, 93.7571 looks on a white background.

Color Contrast Check

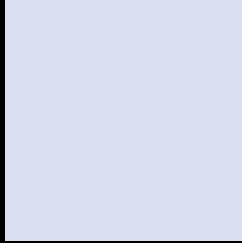
Large Text (above 18pt) WCAG AA × Fail

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 71.1783, 74.0317, 93.7571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

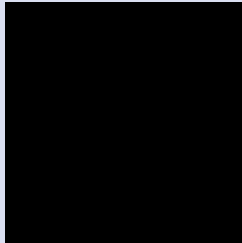
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

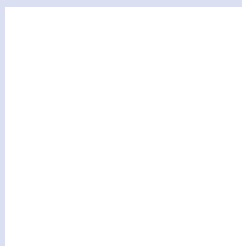
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1783, 74.0317, 93.7571

Background



This preview shows how black text looks on a background with the XYZ color 71.1783, 74.0317, 93.7571.

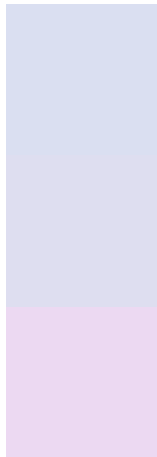


This preview shows how white text looks on a background with the XYZ color 71.1783, 74.0317,

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

71.1783, 74.0317, 93.7571

Protanopia

71.9737, 74.0634, 92.9403

Deuteranopia

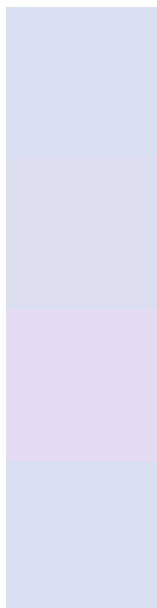
75.4319, 73.8694, 94.2869



Tritanopia

71.1783, 74.0317, 93.7571

Trichromacy



Original Color

71.1783, 74.0317, 93.7571

Protanomaly

71.6682, 73.9060, 92.9260

Deuteranomaly

73.6716, 73.7319, 94.3532

Tritanomaly

71.1783, 74.0317, 93.7571

Monochromacy



Original Color

71.1783, 74.0317, 93.7571

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0628, 74.5541, 85.5079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1783, 74.0317, 93.7571 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(218, 223, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 241)  
}
```

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(218, 223, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.1783, 74.0317, 93.7571 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(218, 223, 241) }
```


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

```
.border{ border-color:rgb(218, 223, 241) }
```

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

Here you see how a box with a 4 pixel rgb(218, 223, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 223, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 223, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 223,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1783, 74.0317, 93.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 241) }
```

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

```
.background{ background-color: rgb(218,  
223, 241) }
```

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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