

Converting Colors

XYZ(71.9113, 74.6516, 90.7587)

Have a look what the booklet for
XYZ(71.9113, 74.6516, 90.7587)
contains.

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Color

**XYZ(71.7979, 74.4194,
90.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDFED
RGB	222, 223, 237
RGB Percent	87%, 87%, 93%
CMY	0.1294, 0.1255, 0.0706
CMYK	0.06, 0.06, 0.00, 0.07
HSL	236°, 29%, 90%
HSV	236°, 6%, 93%
XYZ	71.7979, 74.4194, 90.7010
YIQ	224.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

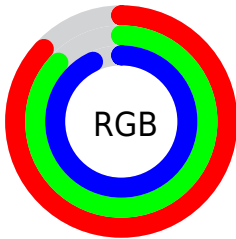
Format	Color
R _Y B	222, 223, 237
Decimal	14606317
CIE Lab	89.12, 2.26, -6.94
CIE LCh	89, 7.300, 288.047
Yxy	74.4194, 0.3030, 0.3141
Android (android.graphics.Color)	4292796397 (0xFFDEDFED)
YUV	224.2970, 6.2626, -2.0145
Hunter-Lab	86.2667, -2.4050, -1.9510

Details

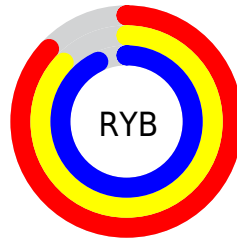
The XYZ color **71.7979, 74.4194, 90.7010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1054, 83.2684, 81.0642**, and the grayscale version is **71.0249, 74.7238, 81.3742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2795, 39.5569, 49.3338** is the 20% darker color. If you saturate the color by 10%, you get **59.5158, 59.8838, 88.5438**, and if you desaturate by 10%, it is **85.8764, 91.0306, 93.1664**.

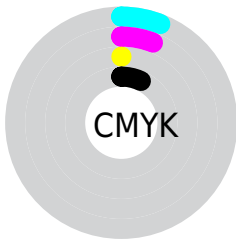
Distribution



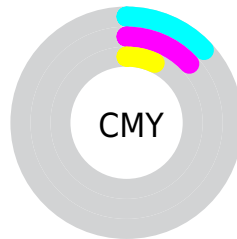
- Red (87%)
- Green (87%)
- Blue (93%)



- Red (87%)
- Yellow (87%)
- Blue (93%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7979, 74.4194, 90.7010 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 71.7979, 74.4194, 90.7010 by changing the saturation by 10% instead.

■ 71.7979, 74.4194,
90.7010

■ 71.7979, 74.4194,
90.7010

456.0064,
475.9196, 550.9374

■ 53.2785, 55.1374,
67.9852

120.7815,
125.4902, 150.2557

■ 38.2535, 39.5117,
49.4191

151.9764,
158.0477, 187.9318

■ 26.3576, 27.1580,
34.5841

188.1272,
195.7991, 231.4317

■ 17.2254, 17.6920,
23.0617

229.5991,
239.1290, 281.1739

■ 10.4916, 10.7291,
14.4333

276.7577,
288.4215, 337.5771

■ 5.7909, 5.8850,
8.2805

329.9682,

■ 2.7578, 2.7752,

344.0612, 401.0597

4.1846

389.5960,
406.4324, 472.0403

■ 1.0270, 1.0156,
1.7272

■ 0.0000, 0.0000,
0.3792

■ 71.7979, 74.4194,
90.7010

■ 71.7979, 74.4194,
90.7010

■ 59.5158, 59.8838,
88.5438

■ 85.8764, 91.0306,
93.1664

■ 48.9515, 47.3332,
86.6781

■ 92.2863, 98.8945,
94.3465

■ 40.0304, 36.6843,
85.0929

■ 32.6697, 27.8442,
83.7745

■ 26.7796, 20.7122,
82.7083

■ 22.2609, 15.1777,
81.8782

■ 19.0024, 11.1173,
81.2662

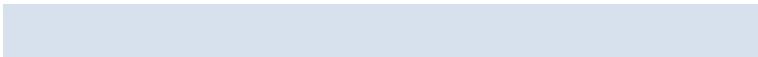
■ 16.8750, 8.3892,
80.8518

■ 15.7214, 6.8230,
80.6103

Harmonies

Analogous

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



70.0277, 74.4194, 90.9918



71.7979, 74.4194, 90.7010



73.3066, 74.4194, 87.7537

Triad

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



71.7979, 74.4194, 90.7010



73.0437, 74.4194, 73.9641



67.4410, 74.4194, 79.0191

Complementary

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



71.7979, 74.4194, 90.7010



78.1054, 83.2684, 81.0642

Split Complementary

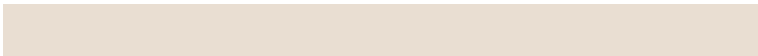
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2211, 74.4194, 74.6589



71.7979, 74.4194, 90.7010



71.4438, 74.4194, 71.8233

Square

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



71.7979, 74.4194, 90.7010



74.0342, 74.4194, 78.0343



69.6795, 74.4194, 72.0722



67.5322, 74.4194, 84.1015

Rectangle

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



71.7979, 74.4194, 90.7010



73.9521, 74.4194, 84.7459



69.6795, 74.4194, 72.0722



67.6095, 74.4194, 77.4244

Sweetspot

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



71.8001, 74.4226, 90.7026



91.6991, 96.0468, 108.3136



75.5135, 82.1408, 91.0425



19.6625, 20.5994, 23.1897



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.



71.8001, 74.4226, 90.7026



82.1644, 84.7850, 106.6423



73.4828, 74.8931, 90.7048



14.3121, 14.7107, 19.0074



8.4785, 3.6040, 43.9917



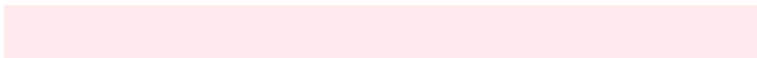
0.6942, 0.3399, 3.4639

Inverse Universe

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



74.3673, 75.5762, 80.4839



85.9692, 86.5020, 91.4958



76.3445, 82.7909, 81.0648



15.1063, 15.0704, 15.8453



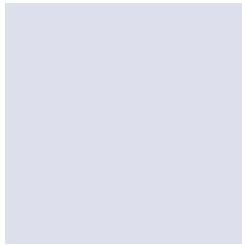
19.1349, 9.8566, 1.2455



1.5169, 0.7797, 0.1735

Previews

White Background



This preview shows how the XYZ color 71.7979, 74.4194, 90.7010 looks on a white background.

Color Contrast Check

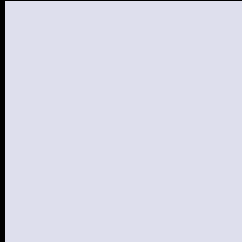
Large Text (above 18pt) WCAG AA × Fail

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 71.7979, 74.4194, 90.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

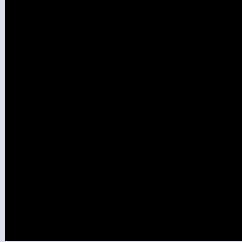
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

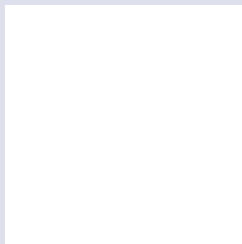
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7979, 74.4194, 90.7010

Background



This preview shows how black text looks on a background with the XYZ color 71.7979, 74.4194, 90.7010.

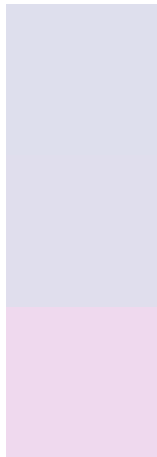


This preview shows how white text looks on a background with the XYZ color 71.7979, 74.4194,

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

71.7979, 74.4194, 90.7010

Protanopia

72.1478, 74.2043, 90.6410

Deuteranopia

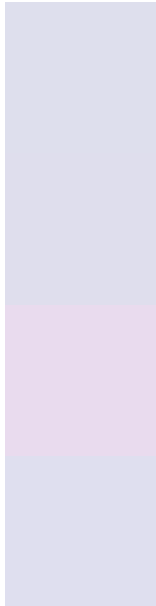
75.8421, 74.1495, 91.2039



Tritanopia

72.5473, 74.7546, 93.0435

Trichromacy



Original Color

71.7979, 74.4194, 90.7010

Protanomaly

71.8388, 74.0450, 90.6266

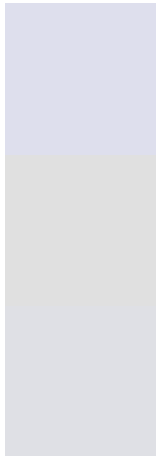
Deuteranomaly

74.3684, 74.1597, 91.2835

Tritanomaly

72.3991, 74.6953, 92.2632

Monochromacy



Original Color

71.7979, 74.4194, 90.7010

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.2299, 74.6564, 84.7847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7979, 74.4194, 90.7010 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(222, 223, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 237)  
}
```

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(222, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.7979, 74.4194, 90.7010 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(222, 223, 237) }
```


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

```
.border{ border-color:rgb(222, 223, 237) }
```

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

Here you see how a box with a 4 pixel rgb(222, 223, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7979, 74.4194, 90.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 237) }
```

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

```
.background{ background-color: rgb(222,  
223, 237) }
```

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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