

Converting Colors

XYZ(71.9325, 74.1641, 91.9815)

Have a look what the booklet for
XYZ(71.9325, 74.1641, 91.9815)
contains.

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Color

**XYZ(71.8255, 74.0041,
92.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDEEF
RGB	222, 222, 239
RGB Percent	87%, 87%, 94%
CMY	0.1294, 0.1294, 0.0627
CMYK	0.07, 0.07, 0.00, 0.06
HSL	240°, 35%, 90%
HSV	240°, 7%, 94%
XYZ	71.8255, 74.0041, 92.1600
YIQ	223.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

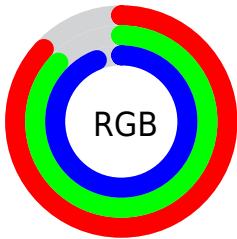
Format	Color
R _Y B	222, 222, 239
Decimal	14606063
CIE Lab	88.92, 3.16, -8.28
CIE LCh	89, 8.867, 290.910
Yxy	74.0041, 0.3018, 0.3110
Android (android.graphics.Color)	4292796143 (0xFFDEDEEF)
YUV	223.9380, 7.4256, -1.6996
Hunter-Lab	86.0256, -1.5096, -3.2999

Details

The XYZ color **71.8255, 74.0041, 92.1600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6483, 85.3572, 81.3864**, and the grayscale version is **70.7605, 74.4456, 81.0712**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3023, 39.2718, 50.3612** is the 20% darker color. If you saturate the color by 10%, you get **59.1148, 58.6897, 89.8751**, and if you desaturate by 10%, it is **86.4777, 91.6586, 94.7966**.

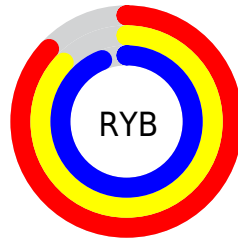
Distribution



Red (87%)

Green (87%)

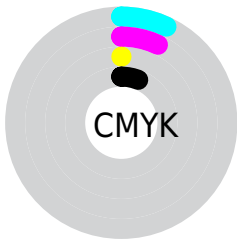
Blue (94%)



Red (87%)

Yellow (87%)

Blue (94%)

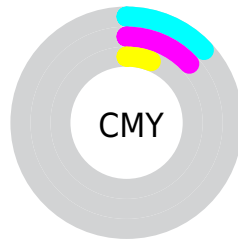


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8255, 74.0041, 92.1600 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 71.8255, 74.0041, 92.1600 by changing the saturation by 10% instead.

■ 71.8255, 74.0041,
92.1600

■ 71.8255, 74.0041,
92.1600

456.1011,
474.4875, 555.7829

■ 53.3011, 54.7974,
69.1898

120.8205,
124.9016, 152.2967

■ 38.2716, 39.2395,
50.3935

152.0219,
157.3612, 190.3003

■ 26.3717, 26.9461,
35.3528

188.1796,
195.0072, 234.1521

■ 17.2361, 17.5328,
23.6491

229.6591,
238.2241, 284.2706

■ 10.4993, 10.6151,
14.8637

276.8256,
287.3961, 341.0744

■ 5.7960, 5.8086,
8.5782

330.0445,

■ 2.7609, 2.7291,

342.9078, 404.9820

4.3741

389.6812,
405.1435, 476.4120

■ 1.0286, 0.9920,
1.8327

■ 0.0000, 0.0000,
0.4494

■ 71.8255, 74.0041,
92.1600

■ 71.8255, 74.0041,
92.1600

■ 59.1148, 58.6897,
89.8751

■ 86.4777, 91.6586,
94.7966

■ 48.2580, 45.6084,
87.9224

■ 92.5802, 99.0121,
95.8943

■ 39.1705, 34.6587,
86.2878

■ 31.7585, 25.7279,
84.9546

■ 25.9198, 18.6925,
83.9044

■ 21.5409, 13.4158,
83.1167

■ 18.4930, 9.7429,
82.5684

■ 16.6250, 7.4918,
82.2323

■ 15.7419, 6.4273,
82.0734

Harmonies

Analogous

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



69.6871, 74.0041, 92.8523



71.8255, 74.0041, 92.1600



73.5987, 74.0041, 88.2818

Triad

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



71.8255, 74.0041, 92.1600



72.9796, 74.0041, 71.7275



66.3323, 74.0041, 78.7205

Complementary

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



71.8255, 74.0041, 92.1600



79.6483, 85.3572, 81.3864

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.



67.1764, 74.0041, 73.3358



71.8255, 74.0041, 92.1600



70.9943, 74.0041, 69.4358

Square

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



71.8255, 74.0041, 92.1600



74.2744, 74.0041, 76.4229



68.8725, 74.0041, 70.0092



66.5445, 74.0041, 84.8808

Rectangle

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



71.8255, 74.0041, 92.1600



74.3210, 74.0041, 84.5153



68.8725, 74.0041, 70.0092



66.5012, 74.0041, 76.7647

Sweetspot

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



71.8277, 74.0072, 92.1616



91.5933, 95.8351, 108.2783



76.5302, 83.4792, 93.5228



19.6409, 20.5563, 23.1825



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.



71.8277, 74.0072, 92.1616



80.2167, 82.1278, 106.2321



74.4053, 75.3349, 92.2820



14.8976, 15.2292, 19.8760



8.6102, 3.4446, 45.3389



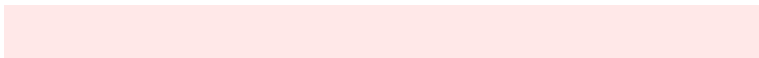
0.7164, 0.2867, 3.7718

Inverse Universe

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



74.9044, 75.8689, 79.8070



84.6838, 84.8306, 88.2947



76.9377, 83.9611, 81.2598



15.7730, 15.7589, 16.3607



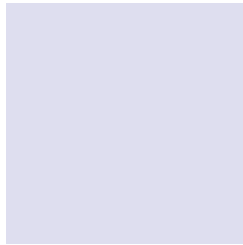
19.6716, 10.1411, 0.9215



1.6365, 0.8437, 0.0769

Previews

White Background



This preview shows how the XYZ color 71.8255, 74.0041, 92.1600 looks on a white background.

Color Contrast Check

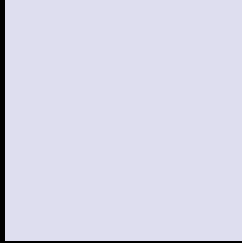
Large Text (above 18pt) WCAG AA × Fail

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 71.8255, 74.0041, 92.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

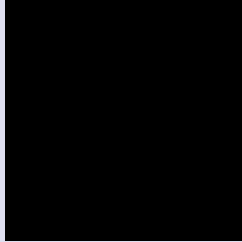
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8255, 74.0041, 92.1600

Background



This preview shows how black text looks on a background with the XYZ color 71.8255, 74.0041, 92.1600.



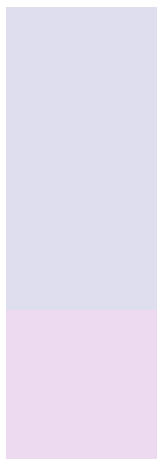
This preview shows how white text looks on a background with the XYZ color 71.8255, 74.0041,

92.1600.

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

71.8255, 74.0041, 92.1600

Protanopia

72.1327, 74.1625, 92.1744

Deuteranopia

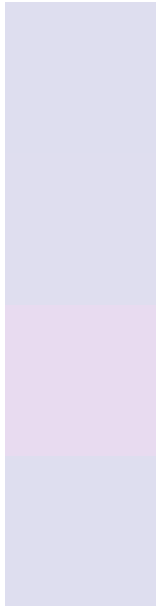
75.4661, 73.9215, 92.7289



Tritanopia

71.8255, 74.0041, 92.1600

Trichromacy



Original Color

71.8255, 74.0041, 92.1600

Protanomaly

72.1327, 74.1625, 92.1744

Deuteranomaly

74.3384, 74.1101, 92.8247

Tritanomaly

71.8255, 74.0041, 92.1600

Monochromacy



Original Color

71.8255, 74.0041, 92.1600

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9620, 74.1205, 84.6953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8255, 74.0041, 92.1600 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, 222, 239)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 239)  
}
```

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, 222, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 239) }
```

Border

The CSS property to change the border of an element to XYZ 71.8255, 74.0041, 92.1600 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, 222, 239) }
```


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

```
.border{ border-color:rgb(222, 222, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 222, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 239);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8255, 74.0041, 92.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 239) }
```

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

```
.background{ background-color: rgb(222,  
222, 239) }
```

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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