

Converting Colors

XYZ(82.3329, 75.7769,
160.2034)

Have a look what the booklet for
XYZ(82.3329, 75.7769, 160.2034)
contains.

XYZ(71.5193, 71.2372, 104.5884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.5193, 71.2372,
104.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD8FF
RGB	218, 216, 255
RGB Percent	85%, 85%, 100%
CMY	0.1451, 0.1529, 0.0000
CMYK	0.15, 0.15, 0.00, 0.00
HSL	243°, 100%, 92%
HSV	243°, 15%, 100%
XYZ	71.5193, 71.2372, 104.5884
YIQ	221.0440, -11.3270, 12.5530

Conversions

Conversions Part 2

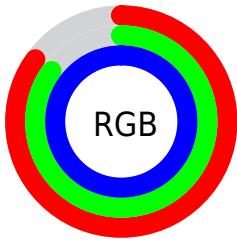
Format	Color
R _Y B	218, 216, 255
Decimal	14342399
CIE Lab	87.60, 8.22, -18.71
CIE LCh	88, 20.442, 293.724
Yxy	71.2372, 0.2891, 0.2880
Android (android.graphics.Color)	4292532479 (0xFFDAD8FF)
YUV	221.0440, 16.7403, -2.6696
Hunter-Lab	84.4021, 3.5507, -14.3888

Details

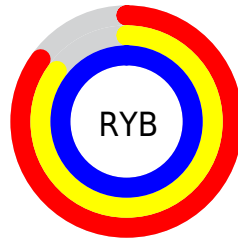
The XYZ color **71.5193, 71.2372, 104.5884** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.6643, 97.3613, 79.0886**, and the grayscale version is **68.6518, 72.2270, 78.6552**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0422, 37.3535, 58.6310** is the 20% darker color. If you saturate the color by 10%, you get **58.7720, 55.7100, 102.2632**, and if you desaturate by 10%, it is **86.3403, 89.3420, 107.3018**.

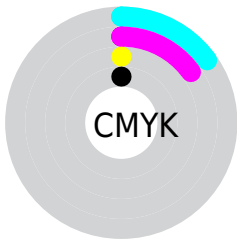
Distribution



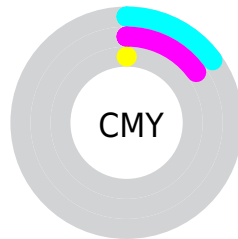
- Red (85%)
- Green (85%)
- Blue (100%)



- Red (85%)
- Yellow (85%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5193, 71.2372, 104.5884 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 71.5193, 71.2372, 104.5884 by changing the saturation by 10% instead.

71.5193, 71.2372,
104.5884

71.5193, 71.2372,
104.5884

455.0504,
464.8822, 596.1773

53.0501, 52.5358,
79.4998

120.3874,
120.9714, 169.5552

38.0704, 37.4323,
58.7831

151.5170,
152.7730, 210.2705

26.2148, 25.5424,
42.0197

187.5975,
189.7101, 257.0318

17.1179, 16.4816,
28.7910

228.9942,
232.1671, 310.2577

10.4144, 9.8656,
18.6786

276.0725,
280.5284, 370.3666

5.7390, 5.3099,
11.2638

329.1977,

2.7262, 2.4302,

335.1785, 437.7772

6.1282

388.7352,
396.5016, 512.9079

■ 1.0107, 0.8414,
2.8531

■ 0.0000, 0.0000,
1.0201

■ 71.5193, 71.2372,
104.5884

■ 71.5193, 71.2372,
104.5884

■ 58.7720, 55.7100,
102.2632

■ 86.3403, 89.3420,
107.3018

■ 48.0004, 42.6352,
100.3073

95.0500, 100.0000,
108.9000

■ 39.1072, 31.8898,
98.7019

■ 31.9848, 23.3371,
97.4265

■ 26.5146, 16.8258,
96.4580

■ 22.5632, 12.1857,
95.7706

■ 19.9770, 9.2190,
95.3343

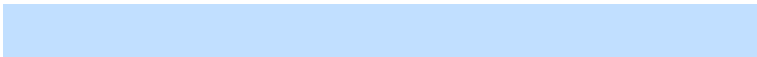
■ 18.5690, 7.6828,
95.1120

■ 18.2169, 7.3060,
95.0578

Harmonies

Analogous

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



66.6975, 71.2372, 107.1612



71.5193, 71.2372, 104.5884



75.4851, 71.2372, 94.4124

Triad

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



71.5193, 71.2372, 104.5884



73.3608, 71.2372, 58.0162



58.8802, 71.2372, 74.6905

Complementary

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



71.5193, 71.2372, 104.5884



88.6643, 97.3613, 79.0886

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.



60.4858, 71.2372, 62.8517



71.5193, 71.2372, 104.5884



68.7303, 71.2372, 53.9916

Square

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



71.5193, 71.2372, 104.5884



76.5832, 71.2372, 67.3366



64.0362, 71.2372, 55.6506



59.5479, 71.2372, 88.7805

Rectangle

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



71.5193, 71.2372, 104.5884



77.0327, 71.2372, 85.2704



64.0362, 71.2372, 55.6506



59.1694, 71.2372, 70.3387

Sweetspot

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



71.5213, 71.2401, 104.5889



86.8053, 89.9106, 107.3871



81.5115, 92.1020, 108.0891



18.3412, 18.9526, 22.9415



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.



71.5213, 71.2401, 104.5889



67.8684, 66.7856, 103.9216



77.6834, 74.4168, 104.8773



17.0891, 17.4221, 22.7121



9.5541, 3.8358, 49.6714



0.9592, 0.3884, 4.8377

Inverse Universe

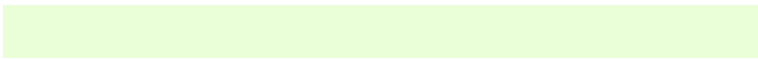
The Inverse Universe completely reimagines the original color for something new.



83.5272, 77.4663, 103.4809



81.7388, 73.9795, 102.6070



81.9403, 93.8949, 78.7740



18.7501, 18.2834, 22.5672



29.9360, 14.4637, 45.1749



2.9266, 1.4130, 4.4610

Previews

White Background



This preview shows how the XYZ color 71.5193, 71.2372, 104.5884 looks on a white background.

Color Contrast Check

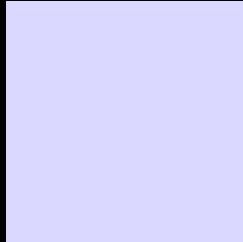
Large Text (above 18pt) WCAG AA × Fail

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 71.5193, 71.2372, 104.5884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

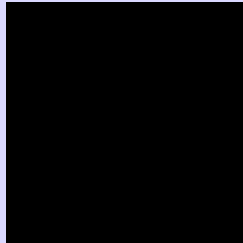
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5193, 71.2372, 104.5884

Background



This preview shows how black text looks on a background with the XYZ color 71.5193, 71.2372, 104.5884.



This preview shows how white text looks on a background with the XYZ color 71.5193, 71.2372,

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

71.5193, 71.2372, 104.5884

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

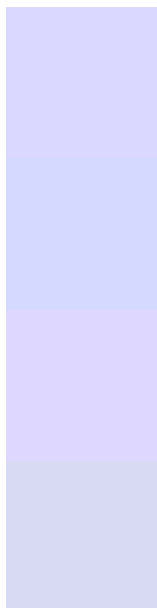
72.8370, 71.1604, 104.5042



Tritanopia

68.6419, 71.2245, 90.2507

Trichromacy



Original Color

71.5193, 71.2372, 104.5884

Protanomaly

70.5944, 71.1418, 104.6188

Deuteranomaly

72.4746, 71.3505, 104.5599

Tritanomaly

69.7194, 71.2734, 95.6705

Monochromacy



Original Color

71.5193, 71.2372, 104.5884

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5547, 71.7619, 87.2763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5193, 71.2372, 104.5884 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 255)  
}
```

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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.5193, 71.2372, 104.5884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

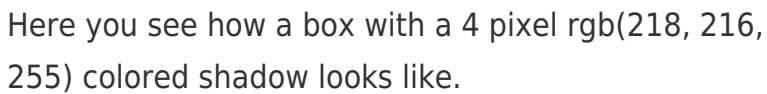
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 216, 255) }
```


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

```
.border{ border-color:rgb(218, 216, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5193, 71.2372, 104.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 255) }
```

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

```
.background{ background-color: rgb(218,  
216, 255) }
```

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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