

Converting Colors

XYZ(70.3551, 71.2522, 94.0493)

Have a look what the booklet for
XYZ(70.3551, 71.2522, 94.0493)
contains.

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Color

**XYZ(70.3551, 71.2522,
94.0493)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD9F2
RGB	220, 217, 242
RGB Percent	86%, 85%, 95%
CMY	0.1372, 0.1490, 0.0510
CMYK	0.09, 0.10, 0.00, 0.05
HSL	247°, 49%, 90%
HSV	247°, 10%, 95%
XYZ	70.3551, 71.2522, 94.0493
YIQ	220.7470, -6.2370, 8.4110

Conversions

Conversions Part 2

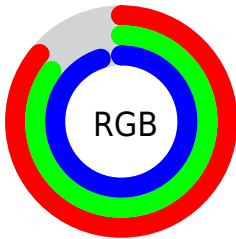
Format	Color
R _Y B	220, 217, 242
Decimal	14473714
CIE Lab	87.61, 5.71, -11.84
CIE LCh	88, 13.143, 295.759
Yxy	71.2522, 0.2985, 0.3024
Android (android.graphics.Color)	4292663794 (0xFFD9CD9F2)
YUV	220.7470, 10.4777, -0.6551
Hunter-Lab	84.4110, 1.0573, -6.9722

Details

The XYZ color **70.3551, 71.2522, 94.0493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.8757, 86.8666, 78.2062**, and the grayscale version is **68.4837, 72.0502, 78.4626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3003, 37.3852, 51.7045** is the 20% darker color. If you saturate the color by 10%, you get **58.5287, 56.5662, 91.8391**, and if you desaturate by 10%, it is **83.9217, 88.1968, 96.6060**.

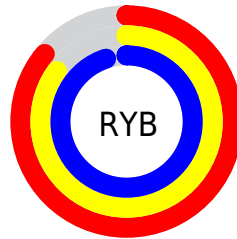
Distribution



Red (86%)

Green (85%)

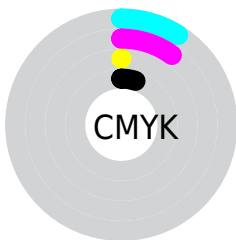
Blue (95%)



Red (86%)

Yellow (85%)

Blue (95%)

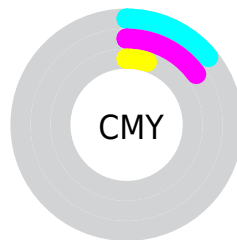


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (14%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3551, 71.2522, 94.0493 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 70.3551, 71.2522, 94.0493 by changing the saturation by 10% instead.

■ 70.3551, 71.2522,
94.0493

■ 70.3551, 71.2522,
94.0493

451.0428,
464.9346, 562.0233

■ 52.0967, 52.5480,
70.7514

118.7385,
120.9928, 154.9348

■ 37.3068, 37.4421,
51.6588

149.5943,
152.7979, 193.3595

■ 25.6199, 25.5500,
36.3528

185.3799,
189.7389, 237.6636

■ 16.6707, 16.4873,
24.4150

226.4607,
232.2001, 288.2655

■ 10.0938, 9.8696,
15.4267

273.2020,
280.5659, 345.5840

■ 5.5239, 5.3126,
8.9694

325.9692,

■ 2.5957, 2.4318,

335.2206, 410.0374

4.6247

385.1277,
396.5487, 482.0443

■ 0.9438, 0.8422,
1.9739

■ 0.0000, 0.0000,
0.5392

■ 70.3551, 71.2522,
94.0493

■ 70.3551, 71.2522,
94.0493

■ 58.5287, 56.5662,
91.8391

■ 83.9217, 88.1968,
96.6060

■ 48.3656, 44.0347,
89.9559

■ 93.0272, 99.1909,
98.2482

■ 39.7927, 33.5587,
88.3856

■ 32.7291, 25.0280,
87.1114

■ 27.0862, 18.3220,
86.1144

■ 22.7666, 13.3065,
85.3739

■ 19.6601, 9.8288,
84.8664

■ 17.6381, 7.7082,
84.5637

■ 16.5343, 6.6723,
84.4219

Harmonies

Analogous

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



67.2819, 71.2522, 95.9433



70.3551, 71.2522, 94.0493



72.7875, 71.2522, 87.6216

Triad

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



70.3551, 71.2522, 94.0493



71.1436, 71.2522, 64.2684



61.9332, 71.2522, 76.3221

Complementary

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



70.3551, 71.2522, 94.0493



79.8757, 86.8666, 78.2062

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.



62.8992, 71.2522, 68.3393



70.3551, 71.2522, 94.0493



68.1662, 71.2522, 61.7260

Square

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



70.3551, 71.2522, 94.0493



73.2524, 71.2522, 70.3747



65.1575, 71.2522, 63.1578



62.4792, 71.2522, 85.2644

Rectangle

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



70.3551, 71.2522, 94.0493



73.6858, 71.2522, 81.8709



65.1575, 71.2522, 63.1578



62.0911, 71.2522, 73.4447

Sweetspot

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



70.3572, 71.2552, 94.0509



90.2241, 93.9611, 107.9887



75.5354, 82.9462, 96.0346



19.0422, 19.7747, 23.0632



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.



70.3572, 71.2552, 94.0509



76.8300, 77.2518, 105.4695



74.2564, 73.2653, 94.2334



15.0733, 15.3195, 19.8841



8.9410, 3.6147, 45.3543



0.8005, 0.3299, 3.7757

Inverse Universe

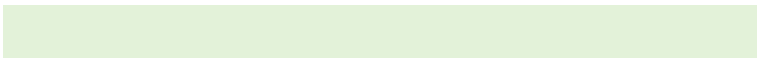
The Inverse Universe completely reimagines the original color for something new.



77.0132, 74.7381, 92.0316



85.4681, 81.7725, 102.8198



75.8260, 84.7789, 78.0166



16.3679, 15.9969, 19.4935



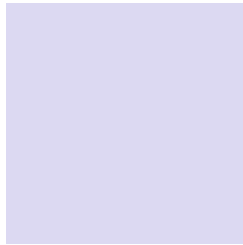
26.1564, 12.7350, 35.0698



2.1988, 1.0686, 3.0376

Previews

White Background



This preview shows how the XYZ color 70.3551, 71.2522, 94.0493 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 70.3551, 71.2522, 94.0493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

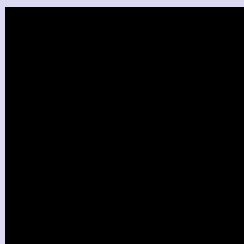
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3551, 71.2522, 94.0493

Background



This preview shows how black text looks on a background with the XYZ color 70.3551, 71.2522, 94.0493.

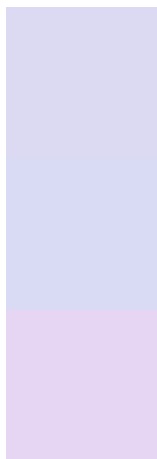


This preview shows how white text looks on a background with the XYZ color 70.3551, 71.2522,

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

70.3551, 71.2522, 94.0493

Protanopia

69.8643, 71.3656, 94.8867

Deuteranopia

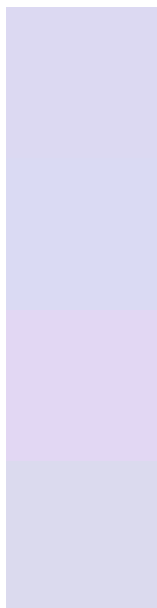
72.8574, 71.3872, 94.7331



Tritanopia

69.2802, 71.2010, 88.6890

Trichromacy



Original Color

70.3551, 71.2522, 94.0493

Protanomaly

70.1625, 71.5193, 94.9007

Deuteranomaly

71.8421, 71.2407, 94.7584

Tritanomaly

69.7174, 71.3759, 90.9913

Monochromacy



Original Color

70.3551, 71.2522, 94.0493

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5549, 72.2157, 84.4018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3551, 71.2522, 94.0493 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(220, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 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(220, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.3551, 71.2522, 94.0493 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(220, 217, 242) }
```


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

```
.border{ border-color:rgb(220, 217, 242) }
```

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

Here you see how a box with a 4 pixel rgb(220, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3551, 71.2522, 94.0493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 242) }
```

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

```
.background{ background-color: rgb(220,  
217, 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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