

Converting Colors

XYZ(51.9505, 51.4892, 70.9528)

Have a look what the booklet for
XYZ(51.9505, 51.4892, 70.9528)
contains.

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Color

**XYZ(51.9446, 51.4422,
70.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BAD6
RGB	194, 186, 214
RGB Percent	76%, 73%, 84%
CMY	0.2392, 0.2706, 0.1608
CMYK	0.09, 0.13, 0.00, 0.16
HSL	257°, 25%, 78%
HSV	257°, 13%, 84%
XYZ	51.9446, 51.4422, 70.8099
YIQ	191.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

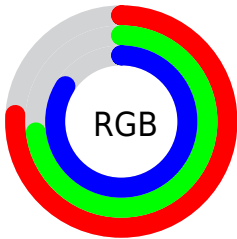
Format	Color
R_{YB}	194, 186, 214
Decimal	12761814
CIE _{Lab}	76.95, 8.16, -13.03
CIE _{LCh}	77, 15.372, 302.078
Yxy	51.4422, 0.2982, 0.2953
Android (android.graphics.Color)	4290951894 (0xFFC2BAD6)
YUV	191.5840, 11.0511, 2.1188
Hunter-Lab	71.7232, 3.7607, -8.3288

Details

The XYZ color **51.9446, 51.4422, 70.8099** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.3651, 64.7615, 55.8810**, and the grayscale version is **49.8012, 52.3948, 57.0579**.

A 20% lighter version of the original color is **89.5858, 91.2335, 107.4959**, and **25.4608, 24.8537, 36.2562** is the 20% darker color. If you saturate the color by 10%, you get **44.0460, 41.1726, 69.2448**, and if you desaturate by 10%, it is **60.9251, 63.2746, 72.6213**.

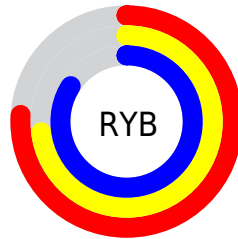
Distribution



Red (76%)

Green (73%)

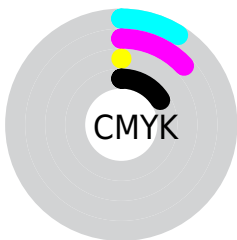
Blue (84%)



Red (76%)

Yellow (73%)

Blue (84%)

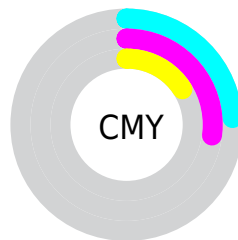


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (27%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9446, 51.4422, 70.8099 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 51.9446, 51.4422, 70.8099 by changing the saturation by 10% instead.

■ 51.9446, 51.4422,
70.8099

■ 51.9446, 51.4422,
70.8099

384.5502,
392.2794, 482.2544

■ 37.1850, 36.5607,
51.7062

■ 92.2242, 92.3081,
122.0549

■ 25.5251, 24.8675,
36.3903

118.4750,
119.0612, 155.0333

■ 16.5995, 15.9784,
24.4437

149.2869,
150.5403, 193.4737

■ 10.0429, 9.5088,
15.4479

185.0252,
187.1298, 237.7946

■ 5.4899, 5.0745,
8.9842

226.0553,
229.2141, 288.4146

■ 2.5751, 2.2911,
4.6342

272.7426,

■ 0.9333, 0.7690,

277.1775, 345.7522

1.9793

325.4525,
331.4045, 410.2259

■ 0.0000, 0.0000,
0.5425

■ 0.0000, 0.0000,
0.0000

■ 51.9446, 51.4422,
70.8099

■ 51.9446, 51.4422,
70.8099

■ 44.0460, 41.1726,
69.2448

■ 60.9251, 63.2746,
72.6213

■ 37.1827, 32.3931,
67.9119

■ 71.0225, 76.7253,
74.6853

■ 31.3112, 25.0350,
66.8011

■ 82.2760, 91.8551,
77.0125

■ 26.3833, 19.0217,
65.9001

■ 89.1378, 97.6351,
77.7665

■ 22.3462, 14.2688,
65.1955

■ 19.1419, 10.6824,
64.6722

■ 16.7044, 8.1550,
64.3128

■ 14.9562, 6.5575,
64.0966

■ 14.0701, 5.8513,
64.0070

Harmonies

Analogous

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



49.0986, 51.4422, 73.7136



51.9446, 51.4422, 70.8099



54.0378, 51.4422, 63.9039

Triad

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



51.9446, 51.4422, 70.8099



51.5774, 51.4422, 42.9425



43.4827, 51.4422, 56.5983

Complementary

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



51.9446, 51.4422, 70.8099



58.3651, 64.7615, 55.8810

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.



44.0879, 51.4422, 48.7978



51.9446, 51.4422, 70.8099



48.6905, 51.4422, 41.3984

Square

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



51.9446, 51.4422, 70.8099



53.8199, 51.4422, 47.8802



45.9658, 51.4422, 43.4339



44.2787, 51.4422, 65.0156

Rectangle

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



51.9446, 51.4422, 70.8099



54.6833, 51.4422, 58.2629



45.9658, 51.4422, 43.4339



43.5289, 51.4422, 53.8195

Sweetspot

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



51.9461, 51.4444, 70.8110



89.2518, 92.3080, 107.7209



54.4764, 59.4705, 72.2269



18.8767, 19.4575, 23.0107



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.



51.9461, 51.4444, 70.8110



73.4655, 71.5596, 104.5481



55.6918, 53.3753, 70.9863



12.0725, 12.1788, 15.6520



8.5935, 3.5826, 38.6917



0.5995, 0.2579, 2.3375

Inverse Universe

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



56.4329, 53.8725, 65.8193



81.5672, 75.9464, 95.4282



54.6664, 62.8548, 55.7079



12.7947, 12.5694, 14.8593



20.2778, 10.0474, 19.2986



1.2579, 0.6199, 1.3474

Previews

White Background



This preview shows how the XYZ color 51.9446, 51.4422, 70.8099 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 51.9446, 51.4422, 70.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

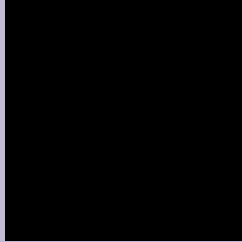
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9446, 51.4422, 70.8099

Background



This preview shows how black text looks on a background with the XYZ color 51.9446, 51.4422, 70.8099.



This preview shows how white text looks on a background with the XYZ color 51.9446, 51.4422,

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

51.9446, 51.4422, 70.8099

Protanopia

50.6276, 51.3634, 72.2115

Deuteranopia

52.5125, 51.4233, 70.7763



Tritanopia

50.5009, 51.4847, 63.7758

Trichromacy



Original Color

51.9446, 51.4422, 70.8099

Protanomaly

51.0223, 51.2658, 71.4961

Deuteranomaly

52.2515, 51.2887, 70.7641

Tritanomaly

51.0251, 51.3831, 66.2601

Monochromacy



Original Color

51.9446, 51.4422, 70.8099

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.8311, 52.3345, 62.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9446, 51.4422, 70.8099 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(194, 186, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 214)  
}
```

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(194, 186, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.9446, 51.4422, 70.8099 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(194, 186, 214) }
```


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

```
.border{ border-color:rgb(194, 186, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 186, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 186, 214); box-shadow:4px 4px 4px 4px rgb(194, 186, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9446, 51.4422, 70.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 214) }
```

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

```
.background{ background-color: rgb(194,  
186, 214) }
```

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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