

Converting Colors

XYZ(52.1468, 51.7021, 69.5190)

Have a look what the booklet for
XYZ(52.1468, 51.7021, 69.5190)
contains.

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Color

**XYZ(51.9482, 51.4734,
69.4847)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BAD4
RGB	195, 186, 212
RGB Percent	76%, 73%, 83%
CMY	0.2353, 0.2706, 0.1686
CMYK	0.08, 0.12, 0.00, 0.17
HSL	261°, 23%, 78%
HSV	261°, 12%, 83%
XYZ	51.9482, 51.4734, 69.4847
YIQ	191.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

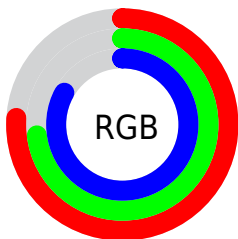
Format	Color
R_{YB}	195, 186, 212
Decimal	12827348
CIE Lab	76.96, 8.09, -11.91
CIE LCh	77, 14.395, 304.205
Yxy	51.4734, 0.3004, 0.2977
Android (android.graphics.Color)	4291017428 (0xFFC3BAD4)
YUV	191.6550, 10.0301, 2.9336
Hunter-Lab	71.7450, 3.6924, -7.2006

Details

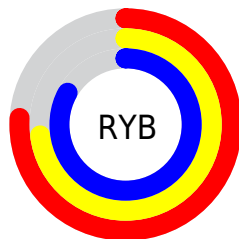
The XYZ color **51.9482, 51.4734, 69.4847** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.0370, 63.3300, 55.6747**, and the grayscale version is **49.8478, 52.4438, 57.1112**.

A 20% lighter version of the original color is **89.9470, 91.4197, 107.5128**, and **25.4578, 24.8721, 35.3573** is the 20% darker color. If you saturate the color by 10%, you get **44.3922, 41.4338, 67.9459**, and if you desaturate by 10%, it is **60.5025, 63.0140, 71.2622**.

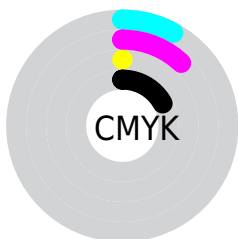
Distribution



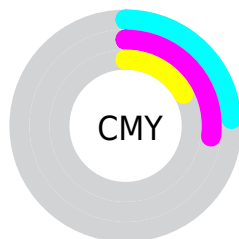
- Red (76%)
- Green (73%)
- Blue (83%)



- Red (76%)
- Yellow (73%)
- Blue (83%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9482, 51.4734, 69.4847 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 51.9482, 51.4734, 69.4847 by changing the saturation by 10% instead.

■ 51.9482, 51.4734,
69.4847

■ 51.9482, 51.4734,
69.4847

384.5638,
392.4003, 477.4788

■ 37.1879, 36.5855,
50.6323

■ 92.2295, 92.3542,
120.1478

■ 25.5273, 24.8867,
35.5414

118.4812,
119.1158, 152.7957

■ 16.6012, 15.9927,
23.7933

149.2941,
150.6041, 190.8791

■ 10.0441, 9.5190,
14.9696

185.0336,
187.2036, 234.8166

■ 5.4907, 5.0812,
8.6517

226.0649,
229.2985, 285.0268

■ 2.5756, 2.2950,
4.4210

272.7535,

■ 0.9336, 0.7711,

277.2734, 341.9282

1.8590

325.4647,
331.5125, 405.9394

■ 0.0000, 0.0000,
0.4665

■ 0.0000, 0.0000,
0.0000

■ 51.9482, 51.4734,
69.4847

■ 51.9482, 51.4734,
69.4847

■ 44.3922, 41.4338,
67.9459

■ 60.5025, 63.0140,
71.2622

■ 37.7918, 32.8259,
66.6323

■ 70.0864, 76.1081,
73.2845

■ 32.1078, 25.5845,
65.5341

■ 80.7355, 90.8137,
75.5617

■ 27.2966, 19.6369,
64.6397

■ 87.2312, 96.6815,
76.3519

■ 23.3106, 14.9032,
63.9361

■ 88.8838, 97.5335,
76.4293

■ 20.0972, 11.2944,
63.4089

■ 17.5969, 8.7089,
63.0416

■ 15.7399, 7.0254,
62.8146

■ 14.6595, 6.1844,
62.7092

Harmonies

Analogous

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



49.3116, 51.4734, 72.4945



51.9482, 51.4734, 69.4847



53.8263, 51.4734, 62.8768

Triad

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



51.9482, 51.4734, 69.4847



51.2543, 51.4734, 43.5199



43.8517, 51.4734, 57.1603

Complementary

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



51.9482, 51.4734, 69.4847



57.0370, 63.3300, 55.6747

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.



44.3286, 51.4734, 49.7283



51.9482, 51.4734, 69.4847



48.5383, 51.4734, 42.2947

Square

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



51.9482, 51.4734, 69.4847



53.4153, 51.4734, 47.9784



46.0194, 51.4734, 44.4620



44.6916, 51.4734, 64.9703

Rectangle

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



51.9482, 51.4734, 69.4847



54.3593, 51.4734, 57.5843



46.0194, 51.4734, 44.4620



43.8635, 51.4734, 54.5349

Sweetspot

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



51.9497, 51.4756, 69.4858



89.4704, 92.4207, 107.7311



53.5699, 58.0638, 70.6721



18.9319, 19.4860, 23.0133



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.



51.9497, 51.4756, 69.4858



75.4276, 73.5378, 104.8265



55.3630, 53.2352, 69.6456



12.1439, 12.2156, 15.6553



9.1476, 3.8683, 38.7177



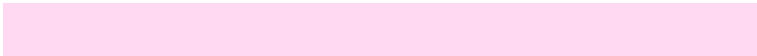
0.6395, 0.2786, 2.3394

Inverse Universe

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



55.4916, 53.4290, 63.8907



81.9798, 77.1535, 94.3888



53.7268, 61.6235, 55.5198



12.7620, 12.5563, 14.6867



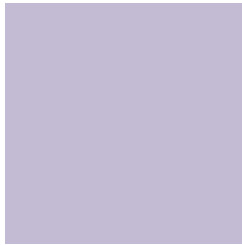
19.6711, 9.8048, 16.1041



1.2248, 0.6067, 1.1731

Previews

White Background



This preview shows how the XYZ color 51.9482, 51.4734, 69.4847 looks on a white background.

Color Contrast Check

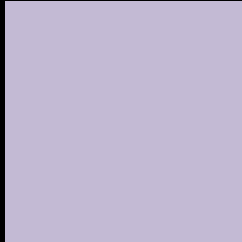
Large Text (above 18pt) WCAG AA × Fail

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 51.9482, 51.4734, 69.4847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

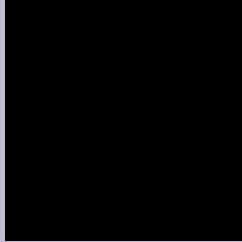
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9482, 51.4734, 69.4847

Background



This preview shows how black text looks on a background with the XYZ color 51.9482, 51.4734, 69.4847.



This preview shows how white text looks on a background with the XYZ color 51.9482, 51.4734,

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

51.9482, 51.4734, 69.4847

Protanopia

50.5849, 51.6893, 70.9293

Deuteranopia

52.5213, 51.4572, 69.4514



Tritanopia

50.6362, 51.5682, 63.1620

Trichromacy



Original Color

51.9482, 51.4734, 69.4847

Protanomaly

50.9797, 51.5894, 70.2216

Deuteranomaly

52.2586, 51.3217, 69.4391

Tritanomaly

51.1590, 51.4662, 65.6301

Monochromacy



Original Color

51.9482, 51.4734, 69.4847

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7146, 52.2879, 61.4525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9482, 51.4734, 69.4847 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(195, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 212)  
}
```

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(195, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 212) }
```

Border

The CSS property to change the border of an element to XYZ 51.9482, 51.4734, 69.4847 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(195, 186, 212) }
```


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

```
.border{ border-color:rgb(195, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9482, 51.4734, 69.4847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 212) }
```

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

```
.background{ background-color: rgb(195,  
186, 212) }
```

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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