

Converting Colors

XYZ(50.7305, 49.5974, 69.8503)

Have a look what the booklet for
XYZ(50.7305, 49.5974, 69.8503)
contains.

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Color

**XYZ(50.7305, 49.5974,
69.8503)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B6D5
RGB	193, 182, 213
RGB Percent	76%, 71%, 84%
CMY	0.2431, 0.2863, 0.1647
CMYK	0.09, 0.15, 0.00, 0.16
HSL	261°, 27%, 77%
HSV	261°, 15%, 84%
XYZ	50.7305, 49.5974, 69.8503
YIQ	188.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

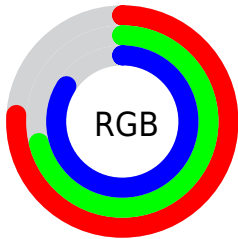
Format	Color
R _Y B	193, 182, 213
Decimal	12695253
CIE Lab	75.82, 9.80, -14.18
CIE LCh	76, 17.236, 304.656
Yxy	49.5974, 0.2981, 0.2914
Android (android.graphics.Color)	4290885333 (0xFFC1B6D5)
YUV	188.8230, 11.9193, 3.6632
Hunter-Lab	70.4254, 5.3368, -9.5080

Details

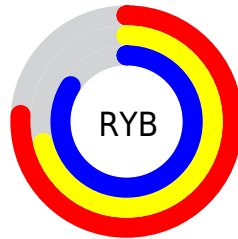
The XYZ color **50.7305, 49.5974, 69.8503** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.5966, 63.5237, 53.5366**, and the grayscale version is **48.2053, 50.7158, 55.2295**.

A 20% lighter version of the original color is **88.0489, 88.6931, 107.0865**, and **24.6693, 23.6581, 35.6140** is the 20% darker color. If you saturate the color by 10%, you get **43.3539, 39.8052, 68.3498**, and if you desaturate by 10%, it is **59.0992, 60.8886, 71.5894**.

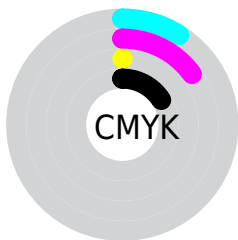
Distribution



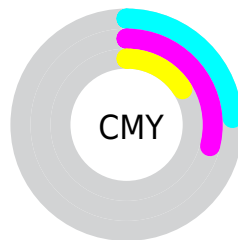
- Red (76%)
- Green (71%)
- Blue (84%)



- Red (76%)
- Yellow (71%)
- Blue (84%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7305, 49.5974, 69.8503 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 50.7305, 49.5974, 69.8503 by changing the saturation by 10% instead.

■ 50.7305, 49.5974,
69.8503

■ 50.7305, 49.5974,
69.8503

379.9207,
385.0894, 478.7991

■ 36.2143, 35.0936,
50.9285

■ 90.4416, 89.5781,
120.6744

■ 24.7707, 23.7350,
35.7753

116.3673,
115.8238, 153.4137

■ 16.0341, 15.1372,
23.9724

146.8269,
146.7522, 191.5958

■ 9.6393, 8.9157,
15.1011

182.1858,
182.7478, 235.6395

■ 5.2209, 4.6862,
8.7430

222.8092,
224.1949, 285.9631

■ 2.4135, 2.0644,
4.4794

269.0626,

■ 0.8519, 0.6445,

271.4779, 342.9852

1.8919

321.3114,
324.9813, 407.1244

■ 0.0000, 0.0000,
0.4875

■ 0.0000, 0.0000,
0.0000

■ 50.7305, 49.5974,
69.8503

■ 50.7305, 49.5974,
69.8503

■ 43.3539, 39.8052,
68.3498

■ 59.0992, 60.8886,
71.5894

■ 36.9262, 31.4414,
67.0742

■ 68.4918, 73.7328,
73.5736

■ 31.4075, 24.4390,
66.0134

■ 78.9446, 88.1892,
75.8130

■ 26.7532, 18.7232,
65.1555

■ 86.4724, 96.2758,
76.9771

■ 22.9145, 14.2114,
64.4870

■ 89.0104, 97.5842,
77.0959

■ 19.8374, 10.8115,
63.9929

■ 17.4602, 8.4170,
63.6560

■ 15.7095, 6.8992,
63.4553

■ 14.9570, 6.3232,
63.3838

Harmonies

Analogous

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



47.6426, 49.5974, 73.5600



50.7305, 49.5974, 69.8503



52.9289, 49.5974, 61.9106

Triad

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



50.7305, 49.5974, 69.8503



49.8266, 49.5974, 39.5794



41.2649, 49.5974, 55.4476

Complementary

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



50.7305, 49.5974, 69.8503



56.5966, 63.5237, 53.5366

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.



41.7910, 49.5974, 46.7994



50.7305, 49.5974, 69.8503



46.6427, 49.5974, 38.2616

Square

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



50.7305, 49.5974, 69.8503



52.3906, 49.5974, 44.5812



43.7246, 49.5974, 40.7547



42.2540, 49.5974, 64.6670

Rectangle

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



50.7305, 49.5974, 69.8503



53.5426, 49.5974, 55.6626



43.7246, 49.5974, 40.7547



41.2708, 49.5974, 52.3770

Sweetspot

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



50.7320, 49.5995, 69.8514



89.5020, 92.4370, 107.7326



52.4591, 57.0623, 71.2008



18.9398, 19.4901, 23.0137



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.



50.7320, 49.5995, 69.8514



73.1942, 70.4680, 104.3517



54.8506, 51.7227, 70.0441



12.1542, 12.2209, 15.6558



9.2374, 3.9145, 38.7219



0.6458, 0.2818, 2.3397

Inverse Universe

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



54.8308, 51.8684, 63.0011



80.3678, 74.4408, 92.2748



52.6474, 61.4879, 53.3518



12.7573, 12.5544, 14.6620



19.5891, 9.7720, 15.6722



1.2202, 0.6049, 1.1491

Previews

White Background



This preview shows how the XYZ color 50.7305, 49.5974, 69.8503 looks on a white background.

Color Contrast Check

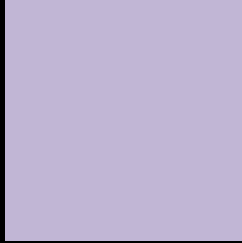
Large Text (above 18pt) WCAG AA × Fail

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 50.7305, 49.5974, 69.8503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

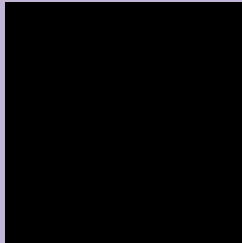
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7305, 49.5974, 69.8503

Background



This preview shows how black text looks on a background with the XYZ color 50.7305, 49.5974, 69.8503.



This preview shows how white text looks on a background with the XYZ color 50.7305, 49.5974,

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

50.7305, 49.5974, 69.8503

Protanopia

48.9061, 49.5493, 71.2763

Deuteranopia

50.7305, 49.5974, 69.8503



Tritanopia

48.9352, 49.4809, 61.0044

Trichromacy



Original Color

50.7305, 49.5974, 69.8503

Protanomaly

49.5278, 49.5751, 70.5769

Deuteranomaly

50.7305, 49.5974, 69.8503

Tritanomaly

49.5708, 49.4331, 64.0556

Monochromacy



Original Color

50.7305, 49.5974, 69.8503

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9872, 50.1422, 60.5226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7305, 49.5974, 69.8503 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(193, 182, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 182, 213)  
}
```

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(193, 182, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 182, 213) }
```

Border

The CSS property to change the border of an element to XYZ 50.7305, 49.5974, 69.8503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

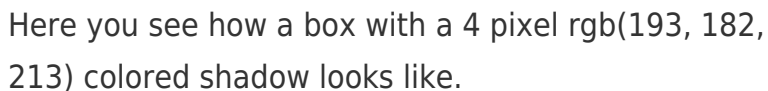
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 182, 213) }
```


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

```
.border{ border-color:rgb(193, 182, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 182, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 182, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 182, 213);  
box-shadow:4px 4px 4px 4px rgb(193, 182,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7305, 49.5974, 69.8503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 182, 213) }
```

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

```
.background{ background-color: rgb(193,  
182, 213) }
```

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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