

Converting Colors

XYZ(51.5094, 50.8203, 74.8139)

Have a look what the booklet for
XYZ(51.5094, 50.8203, 74.8139)
contains.

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Color

**XYZ(51.5024, 50.8124,
74.8034)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB9DC
RGB	190, 185, 220
RGB Percent	75%, 73%, 86%
CMY	0.2549, 0.2745, 0.1373
CMYK	0.14, 0.16, 0.00, 0.14
HSL	249°, 33%, 79%
HSV	249°, 16%, 86%
XYZ	51.5024, 50.8124, 74.8034
YIQ	190.4850, -8.2550, 11.9450

Conversions

Conversions Part 2

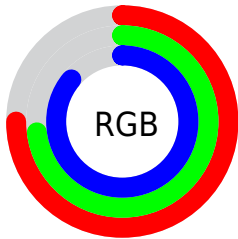
Format	Color
R _Y B	190, 185, 220
Decimal	12499420
CIE _{Lab}	76.57, 8.64, -16.88
CIE _{LCh}	77, 18.964, 297.111
Y _{xy}	50.8124, 0.2908, 0.2869
Android (android.graphics.Color)	4290689500 (0xFFBEB9DC)
YUV	190.4850, 14.5509, -0.4253
Hunter-Lab	71.2828, 4.2227, -12.3203

Details

The XYZ color **51.5024, 50.8124, 74.8034** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.3763, 69.1376, 55.9587**, and the grayscale version is **49.1466, 51.7060, 56.3078**.

A 20% lighter version of the original color is **87.8631, 89.9048, 107.3302**, and **25.1961, 24.4534, 38.9893** is the 20% darker color. If you saturate the color by 10%, you get **42.8422, 40.0373, 73.1808**, and if you desaturate by 10%, it is **61.4873, 63.3301, 76.6941**.

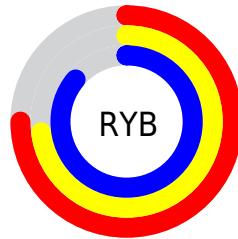
Distribution



Red (75%)

Green (73%)

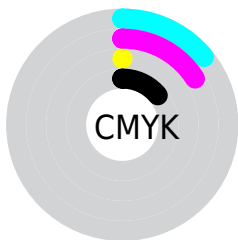
Blue (86%)



Red (75%)

Yellow (73%)

Blue (86%)

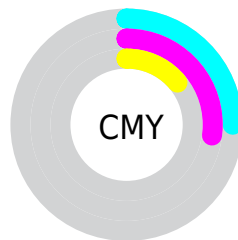


Cyan (14%)

Magenta (16%)

Yellow (0%)

Black (14%)



Cyan (25%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5024, 50.8124, 74.8034 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 51.5024, 50.8124, 74.8034 by changing the saturation by 10% instead.

■ 51.5024, 50.8124,
74.8034

■ 51.5024, 50.8124,
74.8034

382.8682,
389.8345, 496.4789

■ 36.8313, 36.0593,
54.9511

■ 91.5756, 91.3774,
127.7786

■ 25.2499, 24.4800,
38.9642

117.7083,
117.9581, 161.7385

■ 16.3931, 15.6901,
26.4243

148.3922,
149.2502, 201.2380

■ 9.8954, 9.3051,
16.9127

183.9928,
185.6380, 246.6957

■ 5.3914, 4.9407,
10.0110

224.8753,
227.5059, 298.5301

■ 2.5158, 2.2125,
5.3005

271.4052,

■ 0.9032, 0.7268,

275.2384, 357.1598

2.3628

323.9476,
329.2198, 423.0032

■ 0.0000, 0.0000,
0.7661

■ 0.0000, 0.0000,
0.0000

■ 51.5024, 50.8124,
74.8034

■ 51.5024, 50.8124,
74.8034

■ 42.8422, 40.0373,
73.1808

■ 61.4873, 63.3301,
76.6941

■ 35.4462, 30.9213,
71.8111

■ 72.8448, 77.6566,
78.8608

■ 29.2560, 23.3833,
70.6824

■ 85.6260, 93.8621,
81.3151

■ 24.2070, 17.3331,
69.7807

■ 89.9184, 97.9474,
81.8774

■ 20.2281, 12.6711,
69.0905

■ 17.2402, 9.2855,
68.5945

■ 15.1530, 7.0468,
68.2724

■ 13.8579, 5.7968,
68.0994

■ 13.4961, 5.4652,
68.0545

Harmonies

Analogous

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



47.9494, 50.8124, 77.4531



51.5024, 50.8124, 74.8034



54.3122, 50.8124, 66.7412

Triad

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



51.5024, 50.8124, 74.8034



52.1324, 50.8124, 40.3624



41.7393, 50.8124, 54.3381

Complementary

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



51.5024, 50.8124, 74.8034



62.3763, 69.1376, 55.9587

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.



42.7407, 50.8124, 45.2929



51.5024, 50.8124, 74.8034



48.6435, 50.8124, 37.8740

Square

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



51.5024, 50.8124, 74.8034



54.6884, 50.8124, 46.8162



45.2249, 50.8124, 39.5623



42.4216, 50.8124, 64.8093

Rectangle

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



51.5024, 50.8124, 74.8034



55.3244, 50.8124, 59.8429



45.2249, 50.8124, 39.5623



41.8890, 50.8124, 51.0425

Sweetspot

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



51.5040, 50.8145, 74.8045



87.2093, 90.1189, 107.4060



57.3129, 64.2538, 77.0924



18.4390, 19.0031, 22.9461



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.



51.5040, 50.8145, 74.8045



67.8306, 65.8442, 103.7419



56.0477, 53.1569, 75.0172



12.5108, 12.7059, 16.4452



7.9766, 3.2363, 39.9427



0.5732, 0.2388, 2.5903

Inverse Universe

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



59.1316, 54.8221, 71.7576



80.3999, 72.4503, 98.6200



57.5965, 66.6735, 55.7350



13.5303, 13.2412, 16.0536



22.7182, 11.0883, 29.2257



1.4942, 0.7273, 2.0112

Previews

White Background



This preview shows how the XYZ color 51.5024, 50.8124, 74.8034 looks on a white background.

Color Contrast Check

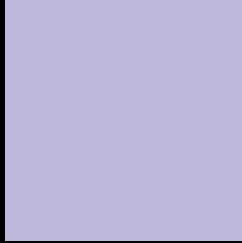
Large Text (above 18pt) WCAG AA × Fail

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 51.5024, 50.8124, 74.8034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

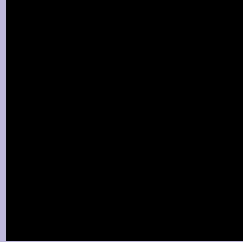
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5024, 50.8124, 74.8034

Background



This preview shows how black text looks on a background with the XYZ color 51.5024, 50.8124, 74.8034.



This preview shows how white text looks on a background with the XYZ color 51.5024, 50.8124,

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

51.5024, 50.8124, 74.8034

Protanopia

50.1129, 50.7062, 75.5527

Deuteranopia

51.7970, 50.6548, 74.7575



Tritanopia

49.2562, 50.8430, 63.7175

Trichromacy



Original Color

51.5024, 50.8124, 74.8034

Protanomaly

50.6176, 50.6526, 75.5157

Deuteranomaly

51.5446, 50.5247, 74.7457

Tritanomaly

50.0180, 50.8355, 67.4976

Monochromacy



Original Color

51.5024, 50.8124, 74.8034

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.7610, 51.1306, 62.5049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5024, 50.8124, 74.8034 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(190, 185, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 220)  
}
```

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(190, 185, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 220) }
```

Border

The CSS property to change the border of an element to XYZ 51.5024, 50.8124, 74.8034 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(190, 185, 220) }
```


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

```
.border{ border-color:rgb(190, 185, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 220);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5024, 50.8124, 74.8034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 220) }
```

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

```
.background{ background-color: rgb(190,  
185, 220) }
```

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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