

Converting Colors

XYZ(52.0161, 54.5101, 71.5333)

Have a look what the booklet for
XYZ(52.0161, 54.5101, 71.5333)
contains.

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Color

**XYZ(51.9024, 54.3244,
71.3684)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC3D6
RGB	186, 195, 214
RGB Percent	73%, 76%, 84%
CMY	0.2706, 0.2353, 0.1608
CMYK	0.13, 0.09, 0.00, 0.16
HSL	221°, 25%, 78%
HSV	221°, 13%, 84%
XYZ	51.9024, 54.3244, 71.3684
YIQ	194.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

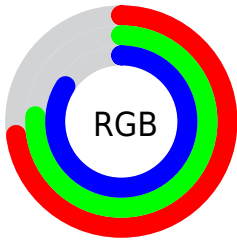
Format	Color
R _Y B	186, 193, 214
Decimal	12239830
CIE Lab	78.65, 0.71, -10.54
CIE LCh	79, 10.565, 273.834
Yxy	54.3244, 0.2923, 0.3059
Android (android.graphics.Color)	4290429910 (0xFFBAC3D6)
YUV	194.4750, 9.6258, -7.4326
Hunter-Lab	73.7051, -3.2860, -5.8168

Details

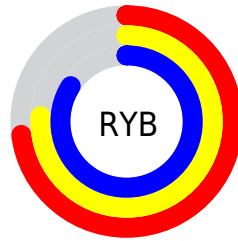
The XYZ color **51.9024, 54.3244, 71.3684** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4260, 61.5035, 55.2474**, and the grayscale version is **51.5105, 54.1931, 59.0163**.

A 20% lighter version of the original color is **89.4784, 95.7181, 108.3672**, and **25.4558, 26.5395, 36.5819** is the 20% darker color. If you saturate the color by 10%, you get **43.9915, 45.6505, 70.1120**, and if you desaturate by 10%, it is **60.9115, 64.0369, 72.7691**.

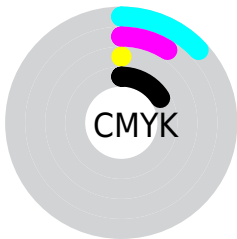
Distribution



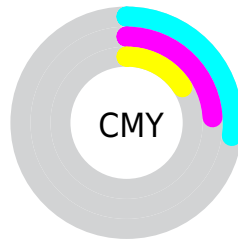
- Red (73%)
- Green (76%)
- Blue (84%)



- Red (73%)
- Yellow (76%)
- Blue (84%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9024, 54.3244, 71.3684 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 51.9024, 54.3244, 71.3684 by changing the saturation by 10% instead.

■ 51.9024, 54.3244,
71.3684

■ 51.9024, 54.3244,
71.3684

384.3899,
403.3458, 484.2586

■ 37.1512, 38.8611,
52.1592

■ 92.1624, 96.5504,
122.8575

■ 25.4988, 26.6517,
36.7489

118.4019,
124.0818, 155.9745

■ 16.5798, 17.3118,
24.7189

149.2016,
156.4048, 194.5645

■ 10.0288, 10.4570,
15.6506

184.9268,
193.9036, 239.0460

■ 5.4805, 5.7030,
9.1256

225.9428,
236.9628, 289.8377

■ 2.5695, 2.6654,
4.7253

272.6151,

■ 0.9304, 0.9596,

285.9666, 347.3579

2.0311

325.3090,
341.2995, 412.0254

■ 0.0000, 0.0000,
0.5743

■ 0.0000, 0.0000,
0.0000

■ 51.9024, 54.3244,
71.3684

■ 51.9024, 54.3244,
71.3684

■ 43.9915, 45.6505,
70.1120

■ 60.9115, 64.0369,
72.7691

■ 37.1304, 37.9728,
68.9916

■ 71.0550, 74.8151,
74.3149

■ 31.2743, 31.2554,
68.0037

■ 82.3732, 86.6936,
76.0112

■ 26.3731, 25.4580,
67.1430

■ 88.5289, 96.4173,
77.5636

■ 22.3720, 20.5369,
66.4040

■ 89.1378, 97.6351,
77.7665

■ 19.2104, 16.4444,
65.7807

■ 16.8192, 13.1275,
65.2665

■ 15.1167, 10.5253,
64.8540

■ 14.2541, 9.0878,
64.6220

Harmonies

Analogous

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



49.8850, 54.3244, 70.0712



51.9024, 54.3244, 71.3684



53.8995, 54.3244, 69.2147

Triad

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



51.9024, 54.3244, 71.3684



55.0378, 54.3244, 52.9815



48.1166, 54.3244, 54.2275

Complementary

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



51.9024, 54.3244, 71.3684



58.4260, 61.5035, 55.2474

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.



49.4324, 54.3244, 50.1116



51.9024, 54.3244, 71.3684



53.4228, 54.3244, 49.4270

Square

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



51.9024, 54.3244, 71.3684



55.7402, 54.3244, 58.3852



51.3660, 54.3244, 48.4124



47.7340, 54.3244, 59.9215

Rectangle

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



51.9024, 54.3244, 71.3684



54.9402, 54.3244, 66.1915



51.3660, 54.3244, 48.4124



48.4627, 54.3244, 52.6265

Sweetspot

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



51.9040, 54.3267, 71.3696



89.2283, 93.7803, 108.0063



55.2764, 62.9249, 66.7801



18.8708, 19.8287, 23.0827



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.



51.9040, 54.3267, 71.3696



73.3962, 76.6588, 105.5360



51.0996, 51.0071, 70.7713



12.0653, 12.6541, 15.7441



8.6994, 5.6606, 39.0873



0.5987, 0.4894, 2.3822

Inverse Universe

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



55.1420, 53.3552, 59.0247



79.2464, 75.0181, 83.2069



59.2993, 65.2432, 55.9232



12.5862, 12.4860, 13.7611



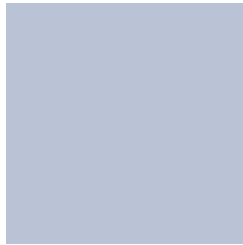
17.4499, 8.9163, 4.4074



1.0898, 0.5527, 0.4625

Previews

White Background



This preview shows how the XYZ color 51.9024, 54.3244, 71.3684 looks on a white background.

Color Contrast Check

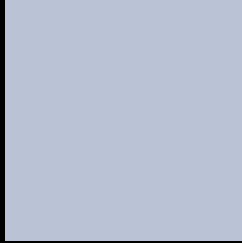
Large Text (above 18pt) WCAG AA × Fail

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 51.9024, 54.3244, 71.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

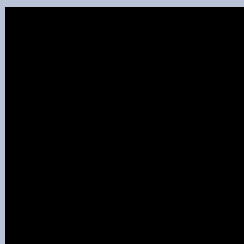
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

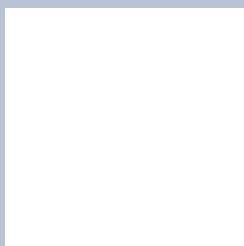
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9024, 54.3244, 71.3684

Background



This preview shows how black text looks on a background with the XYZ color 51.9024, 54.3244, 71.3684.



This preview shows how white text looks on a background with the XYZ color 51.9024, 54.3244,

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

51.9024, 54.3244, 71.3684

Protanopia

53.0725, 54.2815, 70.6309

Deuteranopia

55.3652, 54.1389, 71.8218



Tritanopia

51.2806, 54.0476, 69.3575

Trichromacy



Original Color

51.9024, 54.3244, 71.3684

Protanomaly

52.5372, 54.3348, 70.6694

Deuteranomaly

53.9225, 54.0382, 71.8784

Tritanomaly

51.4064, 54.0980, 70.0199

Monochromacy



Original Color

51.9024, 54.3244, 71.3684

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3203, 53.8770, 62.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9024, 54.3244, 71.3684 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(186, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 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(186, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.9024, 54.3244, 71.3684 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(186, 195, 214) }
```


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

```
.border{ border-color:rgb(186, 195, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9024, 54.3244, 71.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 214) }
```

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

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