

Converting Colors

XYZ(51.5081, 54.6077, 71.9198)

Have a look what the booklet for
XYZ(51.5081, 54.6077, 71.9198)
contains.

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Color

**XYZ(51.5341, 54.4534,
72.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C4D7
RGB	183, 196, 215
RGB Percent	72%, 77%, 84%
CMY	0.2823, 0.2314, 0.1569
CMYK	0.15, 0.09, 0.00, 0.16
HSL	216°, 29%, 78%
HSV	216°, 15%, 84%
XYZ	51.5341, 54.4534, 72.0844
YIQ	194.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

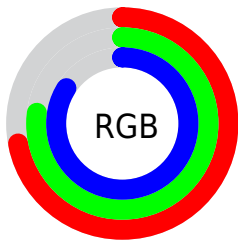
Format	Color
RYB	183, 192, 215
Decimal	12043479
CIELab	78.73, -0.59, -10.99
CIELCh	79, 11.007, 266.952
Yxy	54.4534, 0.2894, 0.3058
Android (android.graphics.Color)	4290233559 (0xFFB7C4D7)
YUV	194.2790, 10.2155, -9.8917
Hunter-Lab	73.7925, -4.4789, -6.2628

Details

The XYZ color **51.5341, 54.4534, 72.0844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6925, 60.1069, 53.3620**, and the grayscale version is **51.3919, 54.0683, 58.8804**.

A 20% lighter version of the original color is **88.7719, 95.8213, 108.4243**, and **25.2241, 26.6299, 37.0683** is the 20% darker color. If you saturate the color by 10%, you get **44.0483, 46.5018, 70.9450**, and if you desaturate by 10%, it is **60.0493, 63.3021, 73.3444**.

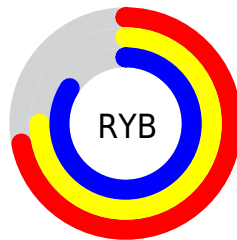
Distribution



Red (72%)

Green (77%)

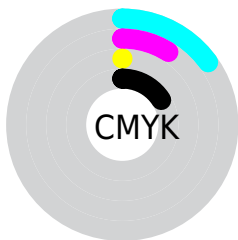
Blue (84%)



Red (72%)

Yellow (75%)

Blue (84%)

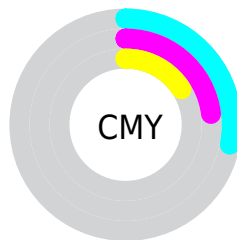


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (28%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5341, 54.4534, 72.0844 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 51.5341, 54.4534, 72.0844 by changing the saturation by 10% instead.

■ 51.5341, 54.4534,
72.0844

■ 51.5341, 54.4534,
72.0844

382.9889,
403.8366, 486.8207

■ 36.8566, 38.9643,
52.7404

■ 91.6221, 96.7396,
123.8854

■ 25.2697, 26.7319,
37.2092

117.7633,
124.3055, 157.1794

■ 16.4079, 17.3720,
25.0725

148.4564,
156.6658, 195.9604

■ 9.9059, 10.5001,
15.9116

184.0669,
194.2048, 240.6471

■ 5.3984, 5.7318,
9.3079

224.9600,
237.3071, 291.6579

■ 2.5200, 2.6827,
4.8430

271.5011,

■ 0.9054, 0.9684,

286.3568, 349.4115

2.0983

324.0557,
341.7385, 414.3262

■ 0.0000, 0.0000,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 51.5341, 54.4534,
72.0844

■ 51.5341, 54.4534,
72.0844

■ 44.0483, 46.5018,
70.9450

■ 60.0493, 63.3021,
73.3444

■ 37.5456, 39.4103,
69.9189

■ 69.6279, 73.0700,
74.7250

■ 31.9832, 33.1487,
69.0035

■ 80.3084, 83.7865,
76.2306

■ 27.3133, 27.6827,
68.1946

■ 86.7852, 92.7249,
77.6145

■ 23.4832, 22.9750,
67.4878

■ 89.2659, 97.6864,
78.4414

■ 20.4342, 18.9845,
66.8782

■ 18.0991, 15.6653,
66.3606

■ 16.3970, 12.9637,
65.9289

■ 15.7034, 11.7813,
65.7372

Harmonies

Analogous

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



49.5072, 54.4534, 69.9167



51.5341, 54.4534, 72.0844



53.6767, 54.4534, 70.6305

Triad

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



51.5341, 54.4534, 72.0844



55.5777, 54.4534, 54.0216



48.3266, 54.4534, 52.9907

Complementary

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



51.5341, 54.4534, 72.0844



57.6925, 60.1069, 53.3620

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.



49.8823, 54.4534, 49.2343



51.5341, 54.4534, 72.0844



54.0726, 54.4534, 49.7995

Square

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



51.5341, 54.4534, 72.0844



56.0495, 54.4534, 59.9301



51.9792, 54.4534, 48.1077



47.6882, 54.4534, 58.6554

Rectangle

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



51.5341, 54.4534, 72.0844



54.8757, 54.4534, 67.8553



51.9792, 54.4534, 48.1077



48.7574, 54.4534, 51.4786

Sweetspot

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



51.5357, 54.4557, 72.0856



89.4950, 94.3136, 108.0952



54.4511, 62.9176, 64.9459



18.9382, 19.9634, 23.1051



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.



51.5357, 54.4557, 72.0856



72.0476, 76.1395, 105.5068



49.3691, 49.1719, 71.1799



12.1528, 12.8289, 15.7732



9.4905, 7.2428, 39.3509



0.6526, 0.5972, 2.4002

Inverse Universe

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



54.9229, 52.3008, 59.4274



78.0340, 72.4976, 83.0978



60.0962, 66.0674, 54.3858



12.6303, 12.5036, 13.9934



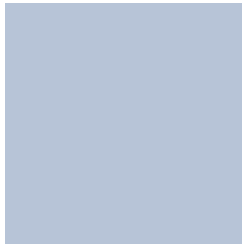
17.8492, 9.0760, 6.5101



1.1171, 0.5636, 0.6058

Previews

White Background



This preview shows how the XYZ color 51.5341, 54.4534, 72.0844 looks on a white background.

Color Contrast Check

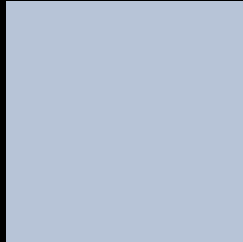
Large Text (above 18pt) WCAG AA × Fail

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 51.5341, 54.4534, 72.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

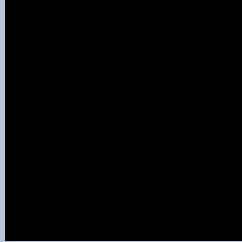
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5341, 54.4534, 72.0844

Background



This preview shows how black text looks on a background with the XYZ color 51.5341, 54.4534, 72.0844.



This preview shows how white text looks on a background with the XYZ color 51.5341, 54.4534,

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

51.5341, 54.4534, 72.0844

Protanopia

53.0725, 54.2815, 70.6309

Deuteranopia

55.2209, 54.0496, 72.4879



Tritanopia

50.9150, 54.1784, 70.0613

Trichromacy



Original Color

51.5341, 54.4534, 72.0844

Protanomaly

52.4157, 54.2574, 71.3285

Deuteranomaly

54.0093, 54.3929, 72.6180

Tritanomaly

51.0416, 54.2290, 70.7279

Monochromacy



Original Color

51.5341, 54.4534, 72.0844

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4110, 54.2416, 63.6371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5341, 54.4534, 72.0844 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(183, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 215)  
}
```

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(183, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 215) }
```

Border

The CSS property to change the border of an element to XYZ 51.5341, 54.4534, 72.0844 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(183, 196, 215) }
```


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

```
.border{ border-color:rgb(183, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 215);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5341, 54.4534, 72.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 215) }
```

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

```
.background{ background-color: rgb(183,  
196, 215) }
```

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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