

Converting Colors

XYZ(51.6117, 54.0479, 72.3262)

Have a look what the booklet for
XYZ(51.6117, 54.0479, 72.3262)
contains.

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Color

**XYZ(51.5480, 54.1269,
72.0206)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C3D7
RGB	184, 195, 215
RGB Percent	72%, 76%, 84%
CMY	0.2784, 0.2353, 0.1569
CMYK	0.14, 0.09, 0.00, 0.16
HSL	219°, 28%, 78%
HSV	219°, 14%, 84%
XYZ	51.5480, 54.1269, 72.0206
YIQ	193.9910, -12.9760, 3.8880

Conversions

Conversions Part 2

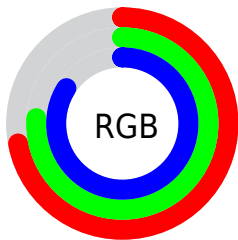
Format	Color
RYB	184, 192, 215
Decimal	12108759
CIELab	78.54, 0.27, -11.27
CIELCh	79, 11.270, 271.368
Yxy	54.1269, 0.2901, 0.3046
Android (android.graphics.Color)	4290298839 (0xFFB8C3D7)
YUV	193.9910, 10.3574, -8.7621
Hunter-Lab	73.5710, -3.6820, -6.5409

Details

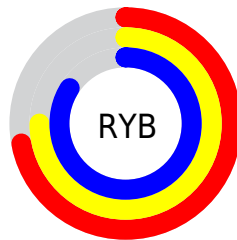
The XYZ color **51.5480, 54.1269, 72.0206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2692, 61.0931, 54.0695**, and the grayscale version is **51.2204, 53.8878, 58.6838**.

A 20% lighter version of the original color is **88.7956, 95.3661, 108.3352**, and **25.2301, 26.4131, 37.0262** is the 20% darker color. If you saturate the color by 10%, you get **43.8197, 45.7432, 70.8106**, and if you desaturate by 10%, it is **60.3509, 63.4959, 73.3659**.

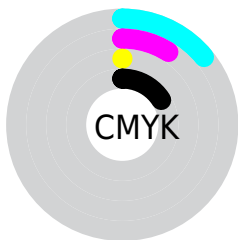
Distribution



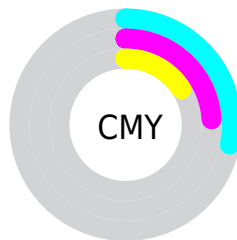
- Red (72%)
- Green (76%)
- Blue (84%)



- Red (72%)
- Yellow (75%)
- Blue (84%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5480, 54.1269, 72.0206 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 51.5480, 54.1269, 72.0206 by changing the saturation by 10% instead.

■ 51.5480, 54.1269,
72.0206

■ 51.5480, 54.1269,
72.0206

383.0418,
402.5937, 486.5928

■ 36.8677, 38.7031,
52.6886

■ 91.6425, 96.2605,
123.7938

■ 25.2783, 26.5289,
37.1682

117.7874,
123.7392, 157.0721

■ 16.4144, 17.2197,
25.0409

148.4846,
156.0049, 195.8361

■ 9.9105, 10.3913,
15.8883

184.0994,
193.4422, 240.5046

■ 5.4015, 5.6591,
9.2916

224.9971,
236.4353, 291.4959

■ 2.5219, 2.6389,
4.8325

271.5432,

■ 0.9063, 0.9463,

285.3686, 349.2287

2.0923

324.1030,
340.6267, 414.1215

■ 0.0000, 0.0000,
0.6112

■ 0.0000, 0.0000,
0.0000

■ 51.5480, 54.1269,
72.0206

■ 51.5480, 54.1269,
72.0206

■ 43.8197, 45.7432,
70.8106

■ 60.3509, 63.4959,
73.3659

■ 37.1182, 38.3043,
69.7279

■ 70.2641, 73.8755,
74.8469

■ 31.3990, 31.7766,
68.7694

■ 81.3275, 85.2985,
76.4686

■ 26.6123, 26.1216,
67.9302

■ 87.8411, 94.8368,
77.9664

■ 22.7037, 21.2981,
67.2051

■ 89.2659, 97.6864,
78.4413

■ 19.6125, 17.2606,
66.5887

■ 17.2695, 13.9586,
66.0749

■ 15.5919, 11.3332,
65.6565

■ 14.8718, 10.1181,
65.4600

Harmonies

Analogous

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



49.4276, 54.1269, 70.3293



51.5480, 54.1269, 72.0206



53.7001, 54.1269, 70.0014

Triad

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



51.5480, 54.1269, 72.0206



55.1774, 54.1269, 52.7978



47.7896, 54.1269, 53.2691

Complementary

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



51.5480, 54.1269, 72.0206



58.2692, 61.0931, 54.0695

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.



49.2559, 54.1269, 49.1011



51.5480, 54.1269, 72.0206



53.5186, 54.1269, 48.8430

Square

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



51.5480, 54.1269, 72.0206



55.8324, 54.1269, 58.6435



51.3441, 54.1269, 47.5389



47.2956, 54.1269, 59.2274

Rectangle

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



51.5480, 54.1269, 72.0206



54.8531, 54.1269, 66.9013



51.3441, 54.1269, 47.5389



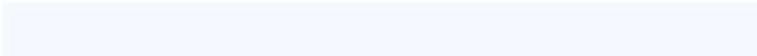
48.1830, 54.1269, 51.6276

Sweetspot

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



51.5496, 54.1291, 72.0218



89.3332, 93.9901, 108.0413



54.9237, 63.1342, 66.1887



18.8973, 19.8817, 23.0915



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.



51.5496, 54.1291, 72.0218



72.5796, 76.1231, 105.4756



50.1791, 49.8967, 71.2771



12.0997, 12.7227, 15.7555



8.9860, 6.2337, 39.1828



0.6188, 0.5297, 2.3889

Inverse Universe

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



55.0164, 52.6693, 58.8989



78.5662, 73.7202, 82.7878



59.7788, 65.8917, 54.9161



12.6035, 12.4929, 13.8523



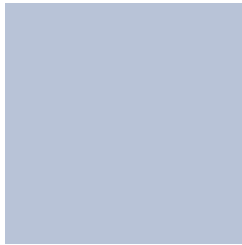
17.5946, 8.9741, 5.1690



1.1000, 0.5568, 0.5160

Previews

White Background



This preview shows how the XYZ color 51.5480, 54.1269, 72.0206 looks on a white background.

Color Contrast Check

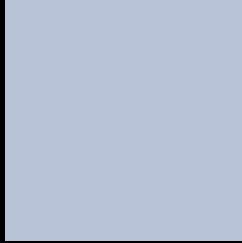
Large Text (above 18pt) WCAG AA × Fail

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 51.5480, 54.1269, 72.0206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

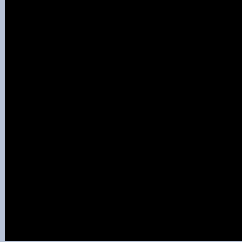
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5480, 54.1269, 72.0206

Background



This preview shows how black text looks on a background with the XYZ color 51.5480, 54.1269, 72.0206.



This preview shows how white text looks on a background with the XYZ color 51.5480, 54.1269,

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

51.5480, 54.1269, 72.0206

Protanopia

52.9458, 54.2014, 71.2897

Deuteranopia

55.2209, 54.0496, 72.4879



Tritanopia

51.0262, 54.2503, 69.4100

Trichromacy



Original Color

51.5480, 54.1269, 72.0206

Protanomaly

52.4157, 54.2574, 71.3285

Deuteranomaly

53.7904, 53.9552, 72.5451

Tritanomaly

51.1520, 54.3006, 70.0724

Monochromacy



Original Color

51.5480, 54.1269, 72.0206

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1877, 53.7950, 63.5627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5480, 54.1269, 72.0206 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(184, 195, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 195, 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(184, 195, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 195, 215) }
```

Border

The CSS property to change the border of an element to XYZ 51.5480, 54.1269, 72.0206 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(184, 195, 215) }
```


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

```
.border{ border-color:rgb(184, 195, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 195, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 195, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 195, 215);  
box-shadow:4px 4px 4px 4px rgb(184, 195,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5480, 54.1269, 72.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 195, 215) }
```

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

```
.background{ background-color: rgb(184,  
195, 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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