

Converting Colors

XYZ(51.0260, 54.1708, 72.9788)

Have a look what the booklet for
XYZ(51.0260, 54.1708, 72.9788)
contains.

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Color

**XYZ(50.9570, 54.1410,
72.7303)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B4C4D8 |
| RGB | 180, 196, 216 |
| RGB Percent | 71%, 77%, 85% |
| CMY | 0.2941, 0.2314, 0.1529 |
| CMYK | 0.17, 0.09, 0.00, 0.15 |
| HSL | 213°, 32%, 78% |
| HSV | 213°, 17%, 85% |
| XYZ | 50.9570, 54.1410, 72.7303 |
| YIQ | 193.4960, -15.9560, 2.8280 |

Conversions

Conversions Part 2

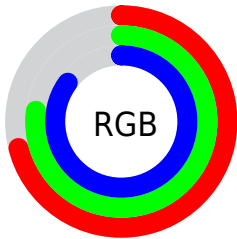
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 180, 191, 216 |
| Decimal | 11846872 |
| CIELab | 78.54, -1.33, -11.82 |
| CIELCh | 79, 11.898, 263.579 |
| Yxy | 54.1410, 0.2866, 0.3045 |
| Android (android.graphics.Color) | 4290036952 (0xFFB4C4D8) |
| YUV | 193.4960, 11.0945, -11.8360 |
| Hunter-Lab | 73.5806, -5.1488, -7.0985 |

Details

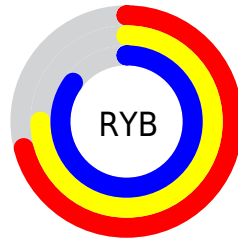
The XYZ color **50.9570, 54.1410, 72.7303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2119, 59.2028, 51.5931**, and the grayscale version is **50.9252, 53.5773, 58.3457**.

A 20% lighter version of the original color is **87.7674, 95.3034, 108.3773**, and **24.8584, 26.4312, 37.5098** is the 20% darker color. If you saturate the color by 10%, you get **43.7163, 46.5511, 71.6478**, and if you desaturate by 10%, it is **59.2011, 62.5722, 73.9241**.

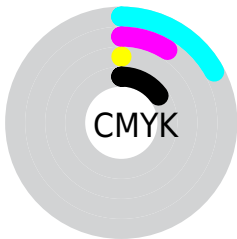
Distribution



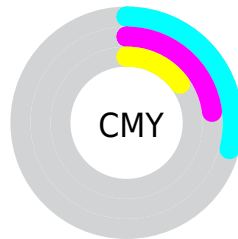
- Red (71%)
- Green (77%)
- Blue (85%)



- Red (71%)
- Yellow (75%)
- Blue (85%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9570, 54.1410, 72.7303 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 50.9570, 54.1410, 72.7303 by changing the saturation by 10% instead.

■ 50.9570, 54.1410,
72.7303

■ 50.9570, 54.1410,
72.7303

380.7871,
402.6475, 489.1252

■ 36.3953, 38.7144,
53.2650

■ 90.7746, 96.2812,
124.8116

■ 24.9112, 26.5376,
37.6252

116.7612,
123.7637, 158.2647

■ 16.1393, 17.2263,
25.3923

147.2867,
156.0335, 197.2175

■ 9.7142, 10.3959,
16.1479

182.7167,
193.4751, 242.0884

■ 5.2707, 5.6623,
9.4734

223.4163,
236.4729, 293.2962

■ 2.4433, 2.6408,
4.9502

269.7510,

■ 0.8668, 0.9472,

285.4113, 351.2592

2.1599

322.0862,
340.6747, 416.3960

■ 0.0000, 0.0000,
0.6511

■ 0.0000, 0.0000,
0.0000

■ 50.9570, 54.1410,
72.7303

■ 50.9570, 54.1410,
72.7303

■ 43.7163, 46.5511,
71.6478

■ 59.2011, 62.5722,
73.9241

■ 37.4327, 39.7672,
70.6696

■ 68.4823, 71.8653,
75.2286

■ 32.0639, 33.7609,
69.7932

■ 78.8389, 82.0483,
76.6483

■ 27.5616, 28.4994,
69.0149

■ 85.9852, 90.9186,
77.9838

■ 23.8731, 23.9471,
68.3306

■ 89.3948, 97.7379,
79.1203

■ 20.9393, 20.0646,
67.7359

■ 18.6916, 16.8075,
67.2257

■ 17.0436, 14.1216,
66.7941

■ 16.5790, 13.3263,
66.6651

Harmonies

Analogous

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



48.8296, 54.1410, 69.9592



50.9570, 54.1410, 72.7303



53.2834, 54.1410, 71.5897

Triad

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



50.9570, 54.1410, 72.7303



55.7017, 54.1410, 53.9362



47.9172, 54.1410, 51.6140

Complementary

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



50.9570, 54.1410, 72.7303



57.2119, 59.2028, 51.5931

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.



49.6775, 54.1410, 47.8937



50.9570, 54.1410, 72.7303



54.1820, 54.1410, 49.1616

Square

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



50.9570, 54.1410, 72.7303



56.0694, 54.1410, 60.4057



51.9651, 54.1410, 47.0311



47.1092, 54.1410, 57.5186

Rectangle

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



50.9570, 54.1410, 72.7303



54.6294, 54.1410, 68.8044



51.9651, 54.1410, 47.0311



48.4145, 54.1410, 50.0851

Sweetspot

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



50.9586, 54.1432, 72.7315



88.2959, 93.2256, 107.9484



53.7813, 62.9768, 63.8433



18.7025, 19.7559, 23.0775



0.0000, 0.0000, 0.0000



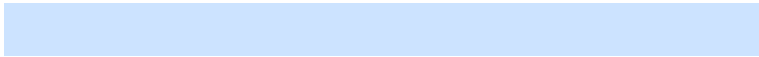
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.9586, 54.1432, 72.7315



70.3307, 74.8152, 105.3417



47.9613, 47.5224, 71.6115



12.1924, 12.9083, 15.7865



9.9170, 8.0958, 39.4931



0.6800, 0.6519, 2.4093

Inverse Universe

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



54.6053, 51.2283, 59.2371



76.6525, 69.9736, 81.9007



60.5850, 66.7342, 52.8691



12.6503, 12.5116, 14.0989



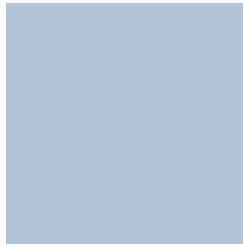
18.0645, 9.1621, 7.6437



1.1309, 0.5691, 0.6785

Previews

White Background



This preview shows how the XYZ color 50.9570, 54.1410, 72.7303 looks on a white background.

Color Contrast Check

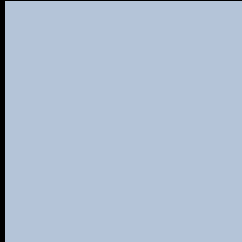
Large Text (above 18pt) WCAG AA × Fail

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 50.9570, 54.1410, 72.7303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

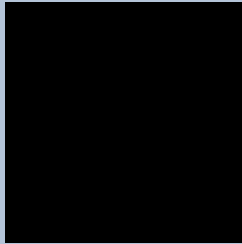
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

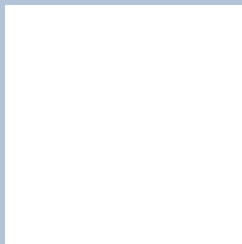
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9570, 54.1410, 72.7303

Background



This preview shows how black text looks on a background with the XYZ color 50.9570, 54.1410, 72.7303.



This preview shows how white text looks on a background with the XYZ color 50.9570, 54.1410,

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

50.9570, 54.1410, 72.7303

Protanopia

52.9458, 54.2014, 71.2897

Deuteranopia

55.0791, 53.9615, 73.1583



Tritanopia

50.4403, 54.2697, 70.1040

Trichromacy



Original Color

50.9570, 54.1410, 72.7303

Protanomaly

52.2966, 54.1812, 71.9917

Deuteranomaly

53.6222, 54.1784, 73.2769

Tritanomaly

50.5669, 54.3203, 70.7705

Monochromacy



Original Color

50.9570, 54.1410, 72.7303

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5734, 53.4920, 62.9178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9570, 54.1410, 72.7303 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(180, 196, 216)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 216)  
}
```

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(180, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 216) }
```

Border

The CSS property to change the border of an element to XYZ 50.9570, 54.1410, 72.7303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

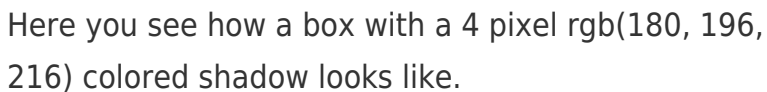
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 196, 216) }
```


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

```
.border{ border-color:rgb(180, 196, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 196, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 196, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 196, 216); box-shadow:4px 4px 4px 4px rgb(180, 196, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9570, 54.1410, 72.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 216) }
```

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

```
.background{ background-color: rgb(180,  
196, 216) }
```

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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