

Converting Colors

XYZ(49.2974, 53.0517, 63.4185)

Have a look what the booklet for
XYZ(49.2974, 53.0517, 63.4185)
contains.

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Color

**XYZ(49.4672, 53.2396,
63.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C3CA
RGB	182, 195, 202
RGB Percent	71%, 76%, 79%
CMY	0.2863, 0.2353, 0.2078
CMYK	0.10, 0.03, 0.00, 0.21
HSL	201°, 16%, 75%
HSV	201°, 10%, 79%
XYZ	49.4672, 53.2396, 63.5462
YIQ	191.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

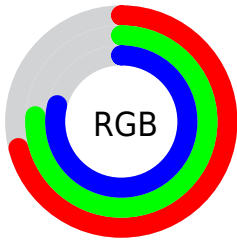
Format	Color
RYB	182, 190, 202
Decimal	11977674
CIELab	78.02, -3.05, -5.04
CIELCh	78, 5.893, 238.788
Yxy	53.2396, 0.2975, 0.3202
Android (android.graphics.Color)	4290167754 (0xFFB6C3CA)
YUV	191.9110, 4.9739, -8.6919
Hunter-Lab	72.9655, -6.6749, -0.5603

Details

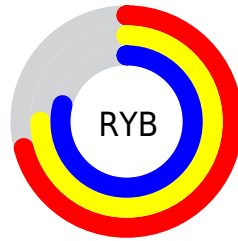
The XYZ color **49.4672, 53.2396, 63.5462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9985, 52.3288, 51.6695**, and the grayscale version is **50.0284, 52.6337, 57.3181**.

A 20% lighter version of the original color is **88.1203, 95.0180, 108.3036**, and **23.9234, 25.8550, 31.7466** is the 20% darker color. If you saturate the color by 10%, you get **43.4907, 47.8647, 62.8246**, and if you desaturate by 10%, it is **56.2099, 59.1237, 64.3274**.

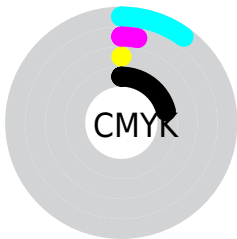
Distribution



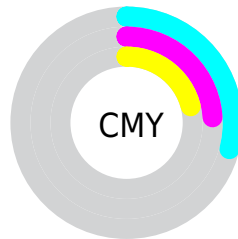
- Red (71%)
- Green (76%)
- Blue (79%)



- Red (71%)
- Yellow (75%)
- Blue (79%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.4672, 53.2396, 63.5462 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 49.4672, 53.2396, 63.5462 by changing the saturation by 10% instead.

■ 49.4672, 53.2396,
63.5462

■ 49.4672, 53.2396,
63.5462

375.0652,
399.2037, 455.7114

■ 35.2063, 37.9941,
45.8394

■ 88.5815, 94.9568,
111.5503

■ 23.9891, 25.9781,
31.7713

114.1656,
122.1974, 142.6847

■ 15.4502, 16.8073,
20.9235

144.2549,
154.2050, 179.1320

■ 9.2243, 10.0972,
12.8774

179.2146,
191.3641, 221.3108

■ 4.9461, 5.4634,
7.2145

219.4101,
234.0592, 269.6396

■ 2.2501, 2.5217,
3.5161

265.2068,

■ 0.7689, 0.8874,

282.6745, 324.5369

1.3638

316.9701,
337.5946, 386.4214

■ 0.0000, 0.0000,
0.1133

■ 0.0000, 0.0000,
0.0000

■ 49.4672, 53.2396,
63.5462

■ 49.4672, 53.2396,
63.5462

■ 43.4907, 47.8647,
62.8246

■ 56.2099, 59.1237,
64.3274

■ 38.2454, 42.9750,
62.1572

■ 63.7428, 65.5264,
65.1662

■ 33.7004, 38.5545,
61.5435

■ 72.0944, 72.4655,
66.0654

■ 29.8207, 34.5836,
60.9815

■ 78.3614, 78.4455,
66.8894

■ 26.5678, 31.0408,
60.4692

■ 80.2923, 82.3072,
67.5330

■ 23.8993, 27.9026,
60.0041

■ 82.3029, 86.3285,
68.2032

■ 21.7668, 25.1423,
59.5837

■ 84.3943, 90.5112,
68.9003

■ 20.1133, 22.7289,
59.2050

■ 86.5672, 94.8571,
69.6246

■ 18.8336, 20.6062,
58.8627

■ 87.6608, 97.0443,
69.9892

Harmonies

Analogous

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



48.6924, 53.2396, 61.0673



49.4672, 53.2396, 63.5462



50.5559, 53.2396, 64.5226

Triad

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



49.4672, 53.2396, 63.5462



52.8421, 53.2396, 58.1027



49.5469, 53.2396, 52.6023

Complementary

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



49.4672, 53.2396, 63.5462



50.9985, 52.3288, 51.6695

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.



50.6494, 53.2396, 51.8746



49.4672, 53.2396, 63.5462



52.5622, 53.2396, 54.9771

Square

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



49.4672, 53.2396, 63.5462



52.5143, 53.2396, 61.3074



51.7553, 53.2396, 52.7278



48.7379, 53.2396, 54.7538

Rectangle

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



49.4672, 53.2396, 63.5462



51.3170, 53.2396, 64.1630



51.7553, 53.2396, 52.7278



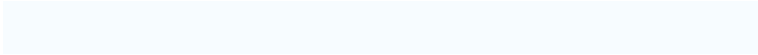
49.8950, 53.2396, 52.1868

Sweetspot

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



49.4687, 53.2418, 63.5474



91.4435, 96.8821, 108.4883



49.5620, 55.8467, 56.1228



19.3708, 20.5613, 23.1977



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.



49.4687, 53.2418, 63.5474



81.3540, 88.0101, 107.3076



47.3718, 49.0479, 62.8484



11.2001, 12.0407, 14.3041



12.1975, 13.4190, 37.9035



0.6987, 0.8312, 1.9786

Inverse Universe

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



50.9366, 49.9537, 58.5898



84.3772, 81.3361, 97.0749



53.1483, 56.6285, 52.3861



11.5144, 11.3345, 13.2433



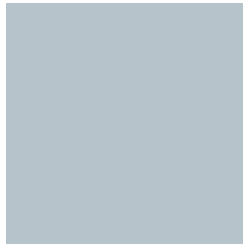
18.3677, 9.1576, 14.9206



0.9826, 0.4865, 0.9544

Previews

White Background



This preview shows how the XYZ color 49.4672, 53.2396, 63.5462 looks on a white background.

Color Contrast Check

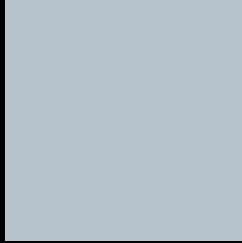
Large Text (above 18pt) WCAG AA × Fail

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 49.4672, 53.2396, 63.5462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

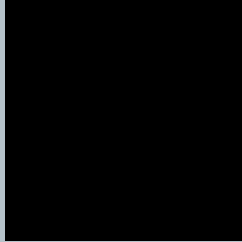
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

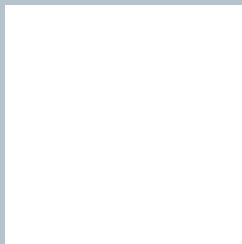
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.4672, 53.2396, 63.5462

Background



This preview shows how black text looks on a background with the XYZ color 49.4672, 53.2396, 63.5462.

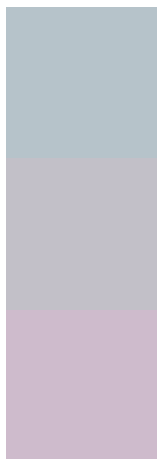


This preview shows how white text looks on a background with the XYZ color 49.4672, 53.2396,

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

49.4672, 53.2396, 63.5462

Protanopia

51.5231, 53.3387, 62.2234

Deuteranopia

54.1230, 53.0221, 64.5084



Tritanopia

50.3288, 53.2543, 67.9481

Trichromacy



Original Color

49.4672, 53.2396, 63.5462

Protanomaly

50.8478, 53.3041, 62.8671

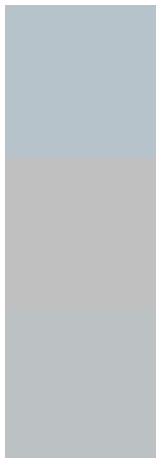
Deuteranomaly

52.2189, 53.0090, 63.9794

Tritanomaly

49.9608, 53.1071, 66.0100

Monochromacy



Original Color

49.4672, 53.2396, 63.5462

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7728, 52.8168, 59.7959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4672, 53.2396, 63.5462 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(182, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 195, 202)  
}
```

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(182, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 195, 202) }
```

Border

The CSS property to change the border of an element to XYZ 49.4672, 53.2396, 63.5462 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(182, 195, 202) }
```


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

```
.border{ border-color:rgb(182, 195, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 195,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4672, 53.2396, 63.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 195, 202) }
```

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

```
.background{ background-color: rgb(182,  
195, 202) }
```

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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