

Converting Colors

XYZ(49.2302, 52.3932, 61.7532)

Have a look what the booklet for
XYZ(49.2302, 52.3932, 61.7532)
contains.

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Color

**XYZ(49.1459, 52.4538,
61.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C1C7
RGB	184, 193, 199
RGB Percent	72%, 76%, 78%
CMY	0.2784, 0.2431, 0.2196
CMYK	0.08, 0.03, 0.00, 0.22
HSL	204°, 12%, 75%
HSV	204°, 8%, 78%
XYZ	49.1459, 52.4538, 61.5672
YIQ	190.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

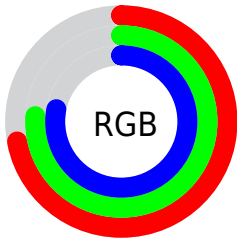
Format	Color
RYB	184, 190, 199
Decimal	12108231
CIELab	77.55, -1.92, -4.09
CIELCh	78, 4.518, 244.810
Yxy	52.4538, 0.3012, 0.3215
Android (android.graphics.Color)	4290298311 (0xFFB8C1C7)
YUV	190.9930, 3.9475, -6.1329
Hunter-Lab	72.4250, -5.6178, 0.2961

Details

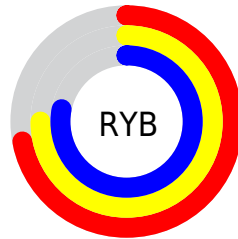
The XYZ color **49.1459, 52.4538, 61.5672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6185, 52.4292, 52.8001**, and the grayscale version is **49.4993, 52.0771, 56.7120**.

A 20% lighter version of the original color is **87.8609, 93.4966, 108.0236**, and **23.8490, 25.6258, 30.4774** is the 20% darker color. If you saturate the color by 10%, you get **42.9988, 46.7451, 60.7901**, and if you desaturate by 10%, it is **56.0612, 58.7019, 62.4095**.

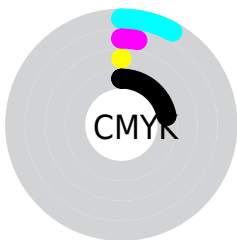
Distribution



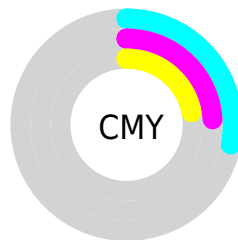
- Red (72%)
- Green (76%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1459, 52.4538, 61.5672 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 49.1459, 52.4538, 61.5672 by changing the saturation by 10% instead.

■ 49.1459, 52.4538,
61.5672

■ 49.1459, 52.4538,
61.5672

373.8239,
396.1860, 448.3146

■ 34.9502, 37.3669,
44.2496

■ 88.1075, 93.8002,
108.6653

■ 23.7909, 25.4917,
30.5281

113.6042,
120.8284, 139.2828

■ 15.3025, 16.4438,
19.9843

143.5986,
152.6059, 175.1707

■ 9.1196, 9.8387,
12.1997

178.4561,
189.5171, 216.7475

■ 4.8770, 5.2922,
6.7556

218.5420,
231.9463, 264.4318

■ 2.2093, 2.4197,
3.2336

264.2217,

■ 0.7476, 0.8360,

280.2779, 318.6420

1.2151

315.8605,
334.8964, 379.7968

■ 0.0000, 0.0000,
0.0000

■ 49.1459, 52.4538,
61.5672

■ 49.1459, 52.4538,
61.5672

■ 42.9988, 46.7451,
60.7901

■ 56.0612, 58.7019,
62.4095

■ 37.5862, 41.5519,
60.0730

■ 63.7679, 65.4991,
63.3153

■ 32.8781, 36.8579,
59.4151

■ 72.2937, 72.8633,
64.2874

■ 28.8410, 32.6436,
58.8144

■ 78.4278, 79.1412,
65.1759

■ 25.4382, 28.8877,
58.2688

■ 80.6268, 83.5393,
65.9089

■ 22.6291, 25.5669,
57.7759

■ 82.9274, 88.1404,
66.6757

■ 20.3682, 22.6551,
57.3330

■ 85.3308, 92.9472,
67.4769

■ 18.6023, 20.1224,
56.9373

■ 87.3090, 96.9036,
68.1363

■ 17.2565, 17.9276,
56.5845

Harmonies

Analogous

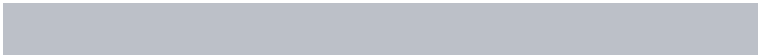
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.4925, 52.4538, 59.8970



49.1459, 52.4538, 61.5672



49.9964, 52.4538, 62.0304

Triad

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



49.1459, 52.4538, 61.5672



51.5444, 52.4538, 56.7118



48.9052, 52.4538, 53.2627

Complementary

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



49.1459, 52.4538, 61.5672



50.6185, 52.4292, 52.8001

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.



49.7154, 52.4538, 52.4631



49.1459, 52.4538, 61.5672



51.2444, 52.4538, 54.4171

Square

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



49.1459, 52.4538, 61.5672



51.3876, 52.4538, 59.1804



50.5724, 52.4538, 52.8795



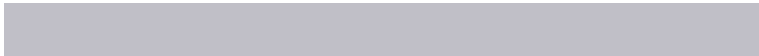
48.3547, 52.4538, 55.0948

Rectangle

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



49.1459, 52.4538, 61.5672



50.5622, 52.4538, 61.5814



50.5724, 52.4538, 52.8795



49.1559, 52.4538, 52.8667

Sweetspot

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



49.1474, 52.4560, 61.5684



92.5515, 97.7515, 108.5977



49.4583, 54.7448, 56.5329



19.8360, 20.9465, 23.2476



0.0000, 0.0000, 0.0000



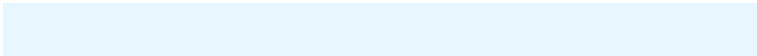
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1474, 52.4560, 61.5684



84.2474, 90.1891, 107.5757



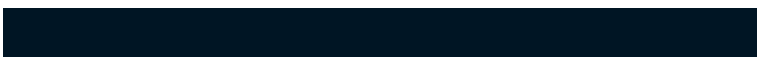
47.5830, 49.3272, 61.0469



10.5772, 11.3285, 13.5466



10.9922, 11.3782, 36.3612



0.5900, 0.6777, 1.7449

Inverse Universe

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



50.3205, 50.2743, 57.5064



86.7183, 85.6444, 99.0083



52.2288, 55.6498, 53.3369



10.8966, 10.7420, 12.4389



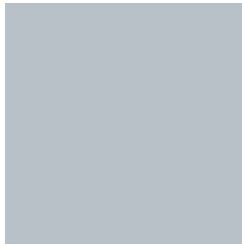
17.3477, 8.6886, 12.3066



0.8565, 0.4254, 0.7674

Previews

White Background



This preview shows how the XYZ color 49.1459, 52.4538, 61.5672 looks on a white background.

Color Contrast Check

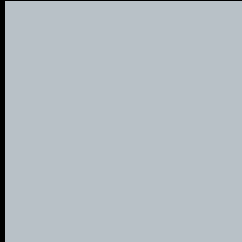
Large Text (above 18pt) WCAG AA × Fail

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 49.1459, 52.4538, 61.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

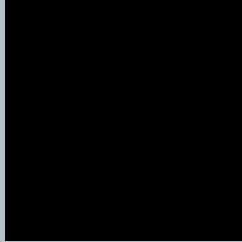
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

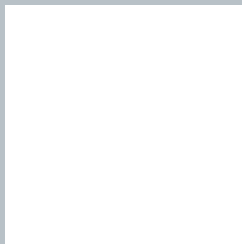
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1459, 52.4538, 61.5672

Background



This preview shows how black text looks on a background with the XYZ color 49.1459, 52.4538, 61.5672.



This preview shows how white text looks on a background with the XYZ color 49.1459, 52.4538,

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

49.1459, 52.4538, 61.5672

Protanopia

50.4838, 52.1956, 60.2373

Deuteranopia

53.4378, 52.4098, 61.9432



Tritanopia

50.1197, 52.5186, 66.5270

Trichromacy



Original Color

49.1459, 52.4538, 61.5672

Protanomaly

50.0590, 52.2860, 60.8799

Deuteranomaly

51.9116, 52.5711, 62.0548

Tritanomaly

49.7563, 52.3732, 64.6133

Monochromacy



Original Color

49.1459, 52.4538, 61.5672

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3263, 52.2857, 58.5313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1459, 52.4538, 61.5672 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, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 193, 199)  
}
```

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, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 193, 199) }
```

Border

The CSS property to change the border of an element to XYZ 49.1459, 52.4538, 61.5672 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, 193, 199) }
```


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

```
.border{ border-color:rgb(184, 193, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 193,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1459, 52.4538, 61.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 193, 199) }
```

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

```
.background{ background-color: rgb(184,  
193, 199) }
```

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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