

Converting Colors

XYZ(49.5571, 53.2120, 63.3627)

Have a look what the booklet for
XYZ(49.5571, 53.2120, 63.3627)
contains.

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Color

**XYZ(49.7042, 53.3618,
63.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C3CA
RGB	183, 195, 202
RGB Percent	72%, 76%, 79%
CMY	0.2823, 0.2353, 0.2078
CMYK	0.09, 0.03, 0.00, 0.21
HSL	202°, 15%, 75%
HSV	202°, 9%, 79%
XYZ	49.7042, 53.3618, 63.5573
YIQ	192.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

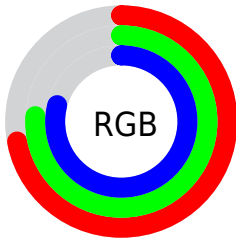
Format	Color
R_{YB}	183, 190, 202
Decimal	12043210
CIE _{Lab}	78.09, -2.72, -4.93
CIE _{LCh}	78, 5.628, 241.072
Yxy	53.3618, 0.2983, 0.3203
Android (android.graphics.Color)	4290233290 (0xFFB7C3CA)
YUV	192.2100, 4.8265, -8.0772
Hunter-Lab	73.0492, -6.3808, -0.4516

Details

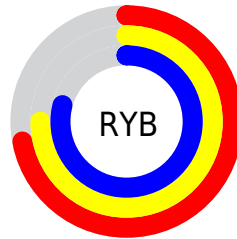
The XYZ color **49.7042, 53.3618, 63.5573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3180, 52.8019, 52.2876**, and the grayscale version is **50.2035, 52.8180, 57.5188**.

A 20% lighter version of the original color is **88.4570, 95.1915, 108.3194**, and **24.0761, 25.9337, 31.7537** is the 20% darker color. If you saturate the color by 10%, you get **43.6150, 47.8111, 62.8077**, and if you desaturate by 10%, it is **56.5691, 59.4386, 64.3693**.

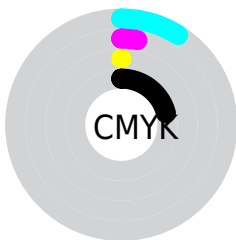
Distribution



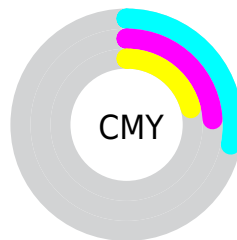
- Red (72%)
- Green (76%)
- Blue (79%)



- Red (72%)
- Yellow (75%)
- Blue (79%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7042, 53.3618, 63.5573 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 49.7042, 53.3618, 63.5573 by changing the saturation by 10% instead.

■ 49.7042, 53.3618,
63.5573

■ 49.7042, 53.3618,
63.5573

375.9792,
399.6717, 455.7527

■ 35.3953, 38.0917,
45.8483

■ 88.9309, 95.1365,
111.5665

■ 24.1354, 26.0538,
31.7783

114.5794,
122.4099, 142.7037

■ 15.5594, 16.8639,
20.9288

144.7384,
154.4532, 179.1541

■ 9.3018, 10.1375,
12.8813

179.7733,
191.6508, 221.3363

■ 4.9972, 5.4902,
7.2171

220.0495,
234.3870, 269.6687

■ 2.2804, 2.5377,
3.5177

265.9323,

■ 0.7846, 0.8954,

283.0463, 324.5698

1.3647

317.7871,
338.0131, 386.4583

■ 0.0000, 0.0000,
0.1139

■ 0.0000, 0.0000,
0.0000

■ 49.7042, 53.3618,
63.5573

■ 49.7042, 53.3618,
63.5573

■ 43.6150, 47.8111,
62.8077

■ 56.5691, 59.4386,
64.3693

■ 38.2665, 42.7622,
62.1150

■ 64.2337, 66.0512,
65.2416

■ 33.6276, 38.1989,
61.4787

■ 72.7267, 73.2177,
66.1773

■ 29.6633, 34.1011,
60.8967

■ 78.7612, 79.2450,
67.0226

■ 26.3351, 30.4473,
60.3669

■ 80.8134, 83.3495,
67.7067

■ 23.6007, 27.2135,
59.8868

■ 82.9543, 87.6313,
68.4203

■ 21.4118, 24.3729,
59.4539

■ 85.1849, 92.0925,
69.1639

■ 19.7117, 21.8943,
59.0651

■ 87.5063, 96.7354,
69.9377

■ 18.4022, 19.7248,
58.7153

■ 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.



48.9315, 53.3618, 61.2794



49.7042, 53.3618, 63.5573



50.7583, 53.3618, 64.3606

Triad

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



49.7042, 53.3618, 63.5573



52.8595, 53.3618, 57.9889



49.6367, 53.3618, 53.0744

Complementary

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



49.7042, 53.3618, 63.5573



51.3180, 52.8019, 52.2876

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.



50.6793, 53.3618, 52.2627



49.7042, 53.3618, 63.5573



52.5490, 53.3618, 55.0363

Square

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



49.7042, 53.3618, 63.5573



52.5895, 53.3618, 61.0766



51.7471, 53.3618, 52.9680



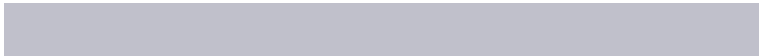
48.8930, 53.3618, 55.2254

Rectangle

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



49.7042, 53.3618, 63.5573



51.4818, 53.3618, 63.9298



51.7471, 53.3618, 52.9680



49.9634, 53.3618, 52.6395

Sweetspot

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



49.7057, 53.3640, 63.5585



91.3992, 96.7936, 108.4735



49.9404, 56.0255, 56.8788



19.3588, 20.5374, 23.1937



0.0000, 0.0000, 0.0000



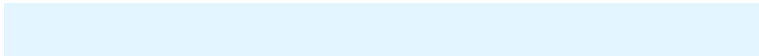
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7057, 53.3640, 63.5585



82.2656, 88.6483, 107.3827



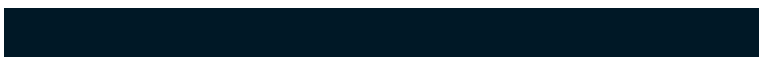
47.6507, 49.2539, 62.8735



11.1825, 12.0054, 14.2983



11.8823, 12.7885, 37.7984



0.6839, 0.8016, 1.9736

Inverse Universe

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



51.1421, 50.3647, 58.6583



85.1266, 82.7433, 97.6070



53.4362, 57.0383, 52.9937



11.5055, 11.3309, 13.1964



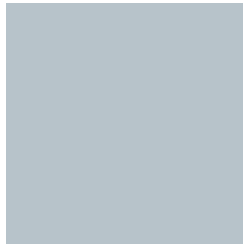
18.2085, 9.0940, 14.0826



0.9752, 0.4835, 0.9151

Previews

White Background



This preview shows how the XYZ color 49.7042, 53.3618, 63.5573 looks on a white background.

Color Contrast Check

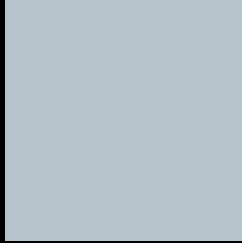
Large Text (above 18pt) WCAG AA × Fail

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 49.7042, 53.3618, 63.5573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

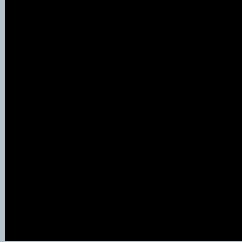
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

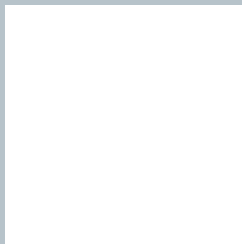
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7042, 53.3618, 63.5573

Background



This preview shows how black text looks on a background with the XYZ color 49.7042, 53.3618, 63.5573.



This preview shows how white text looks on a background with the XYZ color 49.7042, 53.3618,

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

49.7042, 53.3618, 63.5573

Protanopia

51.5231, 53.3387, 62.2234

Deuteranopia

54.4015, 53.1657, 64.5215



Tritanopia

50.5676, 53.3774, 67.9593

Trichromacy



Original Color

49.7042, 53.3618, 63.5573

Protanomaly

50.8478, 53.3041, 62.8671

Deuteranomaly

52.4817, 53.1445, 63.9917

Tritanomaly

50.1995, 53.2302, 66.0212

Monochromacy



Original Color

49.7042, 53.3618, 63.5573

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0200, 52.9443, 59.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7042, 53.3618, 63.5573 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, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 202) }
```

Border

The CSS property to change the border of an element to XYZ 49.7042, 53.3618, 63.5573 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, 195, 202) }
```


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

```
.border{ border-color:rgb(183, 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(183, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7042, 53.3618, 63.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 202) }
```

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

```
.background{ background-color: rgb(183,  
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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