

Converting Colors

XYZ(49.8159, 53.7937, 61.7905)

Have a look what the booklet for
XYZ(49.8159, 53.7937, 61.7905)
contains.

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Color

**XYZ(49.8159, 53.7937,
61.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C4C7
RGB	184, 196, 199
RGB Percent	72%, 77%, 78%
CMY	0.2784, 0.2314, 0.2196
CMYK	0.08, 0.02, 0.00, 0.22
HSL	192°, 12%, 75%
HSV	192°, 8%, 78%
XYZ	49.8159, 53.7937, 61.7905
YIQ	192.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

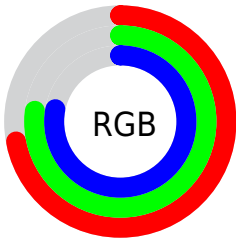
Format	Color
RYB	184, 191, 199
Decimal	12108999
CIELab	78.34, -3.51, -2.93
CIElCh	78, 4.571, 219.799
Yxy	53.7937, 0.3012, 0.3252
Android (android.graphics.Color)	4290299079 (0xFFB8C4C7)
YUV	192.7540, 3.0793, -7.6773
Hunter-Lab	73.3442, -7.1138, 1.3907

Details

The XYZ color **49.8159, 53.7937, 61.7905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9755, 51.1432, 52.5859**, and the grayscale version is **50.5313, 53.1629, 57.8944**.

A 20% lighter version of the original color is **89.1105, 95.9958, 108.4402**, and **24.1439, 26.2156, 30.5757** is the 20% darker color. If you saturate the color by 10%, you get **44.4956, 49.7386, 61.2890**, and if you desaturate by 10%, it is **55.8337, 58.2466, 62.3337**.

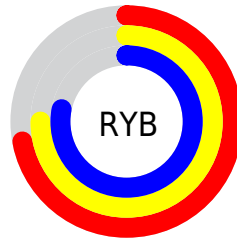
Distribution



Red (72%)

Green (77%)

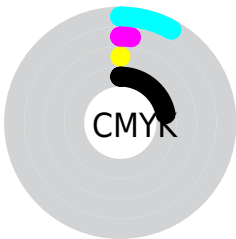
Blue (78%)



Red (72%)

Yellow (75%)

Blue (78%)

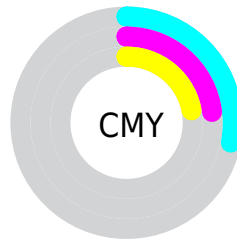


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8159, 53.7937, 61.7905 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 49.8159, 53.7937, 61.7905 by changing the saturation by 10% instead.

■ 49.8159, 53.7937,
61.7905

■ 49.8159, 53.7937,
61.7905

376.4095,
401.3228, 449.1530

■ 35.4843, 38.4368,
44.4287

■ 89.0955, 95.7713,
108.9913

■ 24.2045, 26.3218,
30.6680

114.7743,
123.1607, 139.6675

■ 15.6109, 17.0646,
20.0899

144.9661,
155.3297, 175.6189

■ 9.3383, 10.2805,
12.2757

180.0364,
192.6627, 217.2640

■ 5.0214, 5.5854,
6.8069

220.3506,
235.5442, 265.0215

■ 2.2947, 2.5946,
3.2650

266.2739,

■ 0.7920, 0.9240,

284.3584, 319.3098

1.2315

318.1717,
339.4898, 380.5474

■ 0.0000, 0.0000,
0.0046

■ 0.0000, 0.0000,
0.0000

■ 49.8159, 53.7937,
61.7905

■ 49.8159, 53.7937,
61.7905

■ 44.4956, 49.7386,
61.2890

■ 55.8337, 58.2466,
62.3337

■ 39.8401, 46.0597,
60.8243

■ 62.5707, 63.1044,
62.9162

■ 35.8210, 42.7437,
60.3961

■ 70.0534, 68.3824,
63.5406

■ 32.4060, 39.7735,
60.0028

■ 75.0697, 72.4251,
64.0565

■ 29.5597, 37.1308,
59.6427

■ 76.0754, 74.4365,
64.3918

■ 27.2432, 34.7950,
59.3139

■ 77.1058, 76.4972,
64.7352

■ 25.4123, 32.7433,
59.0144

■ 78.1610, 78.6076,
65.0869

■ 24.0154, 30.9486,
58.7416

■ 79.2411, 80.7679,
65.4470

■ 22.9791, 29.3728,
58.4921

■ 80.3464, 82.9785,
65.8154

Harmonies

Analogous

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



49.4489, 53.7937, 59.4167



49.8159, 53.7937, 61.7905



50.5362, 53.7937, 63.3302

Triad

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



49.8159, 53.7937, 61.7905



52.7647, 53.7937, 60.2941



50.8364, 53.7937, 53.8393

Complementary

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



49.8159, 53.7937, 61.7905



49.9755, 51.1432, 52.5859

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.



51.7270, 53.7937, 54.0587



49.8159, 53.7937, 61.7905



52.8474, 53.7937, 57.7357

Square

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



49.8159, 53.7937, 61.7905



52.2410, 53.7937, 62.4489



52.4656, 53.7937, 55.4676



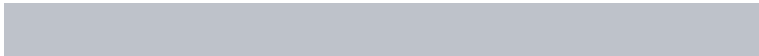
50.0335, 53.7937, 54.8594

Rectangle

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



49.8159, 53.7937, 61.7905



51.1233, 53.7937, 63.6507



52.4656, 53.7937, 55.4676



51.1353, 53.7937, 53.7713

Sweetspot

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



49.8174, 53.7960, 61.7917



92.8743, 98.3971, 108.7053



49.1344, 54.6153, 54.8266



19.9017, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



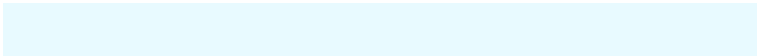
20.3446, 21.4041, 23.3091

Same Dimension

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



49.8174, 53.7960, 61.7917



85.6595, 93.0133, 108.0464



48.2207, 50.6025, 61.2595



10.7598, 11.6936, 13.6075



14.6904, 18.7747, 37.5940



0.7427, 0.9832, 1.7958

Inverse Universe

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



50.6587, 50.4097, 59.2872



87.4311, 85.9295, 102.7615



51.5533, 54.2987, 53.1119



10.9888, 10.7789, 12.9241



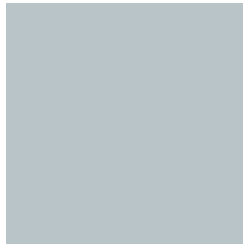
19.2144, 9.4353, 22.1364



0.9336, 0.4563, 1.1734

Previews

White Background



This preview shows how the XYZ color 49.8159, 53.7937, 61.7905 looks on a white background.

Color Contrast Check

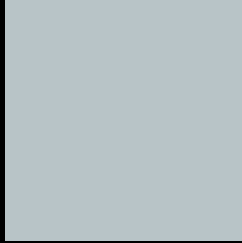
Large Text (above 18pt) WCAG AA × Fail

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 49.8159, 53.7937, 61.7905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

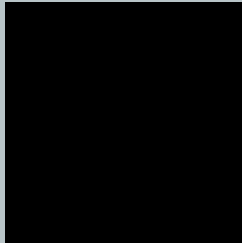
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

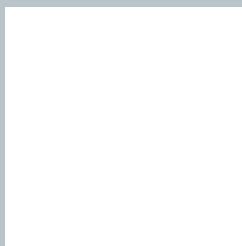
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8159, 53.7937, 61.7905

Background



This preview shows how black text looks on a background with the XYZ color 49.8159, 53.7937, 61.7905.



This preview shows how white text looks on a background with the XYZ color 49.8159, 53.7937,

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

49.8159, 53.7937, 61.7905

Protanopia

51.9130, 53.9069, 60.4923

Deuteranopia

54.8203, 53.7388, 62.7416



Tritanopia

51.1743, 53.6758, 68.6361

Trichromacy



Original Color

49.8159, 53.7937, 61.7905

Protanomaly

51.2231, 53.8673, 61.1238

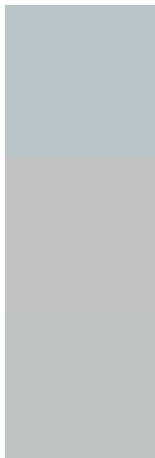
Deuteranomaly

52.8755, 53.7111, 62.2240

Tritanomaly

50.6633, 53.8007, 66.1069

Monochromacy



Original Color

49.8159, 53.7937, 61.7905

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.3773, 53.4709, 59.2955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8159, 53.7937, 61.7905 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, 196, 199) looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 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, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 199) }
```

Border

The CSS property to change the border of an element to XYZ 49.8159, 53.7937, 61.7905 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, 196, 199) }
```


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

```
.border{ border-color:rgb(184, 196, 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, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8159, 53.7937, 61.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 199) }
```

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

```
.background{ background-color: rgb(184,  
196, 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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