

Converting Colors

XYZ(49.9125, 53.8140, 62.9396)

Have a look what the booklet for
XYZ(49.9125, 53.8140, 62.9396)
contains.

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Color

**XYZ(49.8110, 53.7642,
63.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C4C9
RGB	183, 196, 201
RGB Percent	72%, 77%, 79%
CMY	0.2823, 0.2314, 0.2118
CMYK	0.09, 0.02, 0.00, 0.21
HSL	197°, 14%, 75%
HSV	197°, 9%, 79%
XYZ	49.8110, 53.7642, 63.0105
YIQ	192.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

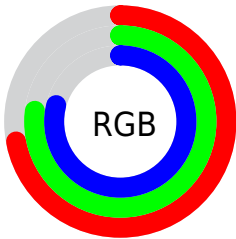
Format	Color
RYB	183, 191, 201
Decimal	12043465
CIELab	78.32, -3.45, -4.04
CIELCh	78, 5.312, 229.485
Yxy	53.7642, 0.2990, 0.3227
Android (android.graphics.Color)	4290233545 (0xFFB7C4C9)
YUV	192.6830, 4.1003, -8.4920
Hunter-Lab	73.3241, -7.0573, 0.3764

Details

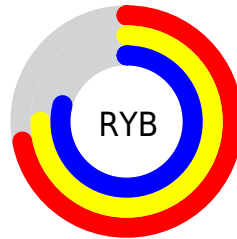
The XYZ color **49.8110, 53.7642, 63.0105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6181, 51.8025, 52.1317**, and the grayscale version is **50.4844, 53.1135, 57.8407**.

A 20% lighter version of the original color is **88.7719, 95.8213, 108.4243**, and **24.1454, 26.1984, 31.3880** is the 20% darker color. If you saturate the color by 10%, you get **44.1324, 49.0043, 62.3919**, and if you desaturate by 10%, it is **56.2223, 58.9742, 63.6791**.

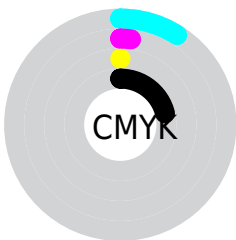
Distribution



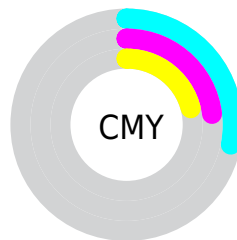
- Red (72%)
- Green (77%)
- Blue (79%)



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



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8110, 53.7642, 63.0105 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 49.8110, 53.7642, 63.0105 by changing the saturation by 10% instead.

■ 49.8110, 53.7642,
63.0105

■ 49.8110, 53.7642,
63.0105

376.3906,
401.2102, 453.7166

■ 35.4804, 38.4132,
45.4086

■ 89.0883, 95.7279,
110.7704

■ 24.2014, 26.3035,
31.4341

114.7657,
123.1094, 141.7655

■ 15.6087, 17.0508,
20.6684

144.9561,
155.2699, 178.0621

■ 9.3367, 10.2708,
12.6930

180.0249,
192.5937, 220.0788

■ 5.0203, 5.5788,
7.0892

220.3374,
235.4652, 268.2340

■ 2.2941, 2.5907,
3.4387

266.2589,

■ 0.7916, 0.9220,

284.2689, 322.9463

1.3228

318.1549,
339.3891, 384.6344

■ 0.0000, 0.0000,
0.0803

■ 0.0000, 0.0000,
0.0000

■ 49.8110, 53.7642,
63.0105

■ 49.8110, 53.7642,
63.0105

■ 44.1324, 49.0043,
62.3919

■ 56.2223, 58.9742,
63.6791

■ 39.1526, 44.6719,
61.8181

■ 63.3892, 64.6425,
64.3954

■ 34.8417, 40.7524,
61.2888

■ 71.3393, 70.7856,
65.1621

■ 31.1658, 37.2275,
60.8021

■ 76.9384, 75.7883,
65.8326

■ 28.0881, 34.0774,
60.3563

■ 78.4127, 78.7370,
66.3241

■ 25.5675, 31.2801,
59.9492

■ 79.9363, 81.7841,
66.8319

■ 23.5576, 28.8109,
59.5786

■ 81.5095, 84.9306,
67.3564

■ 22.0035, 26.6407,
59.2416

■ 83.1329, 88.1773,
67.8975

■ 20.8148, 24.7221,
58.9339

■ 84.8068, 91.5252,
68.4555

Harmonies

Analogous

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



49.2361, 53.7642, 60.4746



49.8110, 53.7642, 63.0105



50.7366, 53.7642, 64.3635

Triad

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



49.8110, 53.7642, 63.0105



53.0961, 53.7642, 59.5932



50.4360, 53.7642, 53.2968

Complementary

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



49.8110, 53.7642, 63.0105



50.6181, 51.8025, 52.1317

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.



51.4677, 53.7642, 53.0790



49.8110, 53.7642, 63.0105



53.0130, 53.7642, 56.6473

Square

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



49.8110, 53.7642, 63.0105



52.6393, 53.7642, 62.3465



52.4136, 53.7642, 54.2863



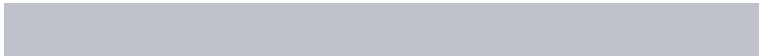
49.5935, 53.7642, 54.8918

Rectangle

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



49.8110, 53.7642, 63.0105



51.4321, 53.7642, 64.3825



52.4136, 53.7642, 54.2863



50.7719, 53.7642, 53.0622

Sweetspot

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



49.8126, 53.7665, 63.0117



91.6176, 97.2303, 108.5463



49.4715, 55.4637, 55.5630



19.4179, 20.6555, 23.2134



0.0000, 0.0000, 0.0000



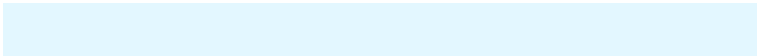
20.3446, 21.4041, 23.3091

Same Dimension

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



49.8126, 53.7665, 63.0117



83.0387, 90.1947, 107.6404



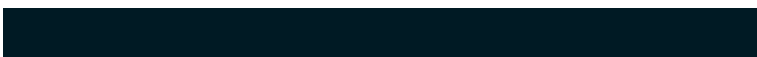
47.8848, 49.9109, 62.3691



10.6882, 11.5505, 13.5836



13.0948, 15.5835, 37.0621



0.6786, 0.8550, 1.7744

Inverse Universe

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



50.9859, 50.2711, 59.2433



85.5168, 82.8994, 99.6621



52.5563, 55.6790, 52.7778



10.9526, 10.7644, 12.7339



18.4090, 9.1132, 17.8953



0.9012, 0.4433, 1.0031

Previews

White Background



This preview shows how the XYZ color 49.8110, 53.7642, 63.0105 looks on a white background.

Color Contrast Check

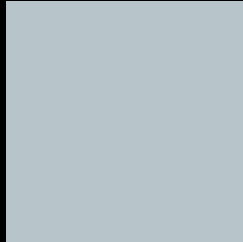
Large Text (above 18pt) WCAG AA × Fail

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 49.8110, 53.7642, 63.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

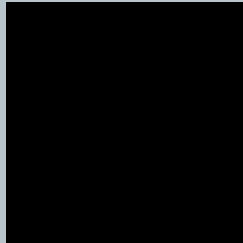
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

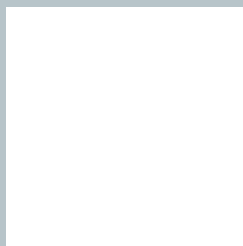
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8110, 53.7642, 63.0105

Background



This preview shows how black text looks on a background with the XYZ color 49.8110, 53.7642, 63.0105.



This preview shows how white text looks on a background with the XYZ color 49.8110, 53.7642,

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

49.8110, 53.7642, 63.0105

Protanopia

51.6641, 53.4249, 61.6219

Deuteranopia

54.7751, 53.6881, 63.9758



Tritanopia

51.1555, 53.9976, 68.6992

Trichromacy



Original Color

49.8110, 53.7642, 63.0105

Protanomaly

50.9811, 53.3864, 62.2612

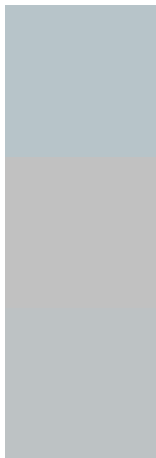
Deuteranomaly

52.8447, 53.6680, 63.4509

Tritanomaly

50.5448, 53.7256, 66.7376

Monochromacy



Original Color

49.8110, 53.7642, 63.0105

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2419, 53.3879, 59.8814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8110, 53.7642, 63.0105 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, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 201)  
}
```

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, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 201) }
```

Border

The CSS property to change the border of an element to XYZ 49.8110, 53.7642, 63.0105 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, 196, 201) }
```


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

```
.border{ border-color:rgb(183, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8110, 53.7642, 63.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 201) }
```

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

```
.background{ background-color: rgb(183,  
196, 201) }
```

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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