

Converting Colors

XYZ(49.4204, 50.6711, 56.8061)

Have a look what the booklet for
XYZ(49.4204, 50.6711, 56.8061)
contains.

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Color

**XYZ(49.5329, 50.8158,
57.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BBC0
RGB	194, 187, 192
RGB Percent	76%, 73%, 75%
CMY	0.2392, 0.2666, 0.2471
CMYK	0.00, 0.04, 0.01, 0.24
HSL	317°, 5%, 75%
HSV	317°, 4%, 76%
XYZ	49.5329, 50.8158, 57.0669
YIQ	189.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

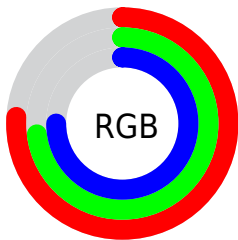
Format	Color
R_YB	194, 187, 192
Decimal	12762048
CIE Lab	76.57, 3.37, -1.65
CIE LCh	77, 3.753, 333.868
Yxy	50.8158, 0.3147, 0.3228
Android (android.graphics.Color)	4290952128 (0xFFC2BBC0)
YUV	189.6630, 1.1521, 3.8035
Hunter-Lab	71.2852, -0.7174, 2.4354

Details

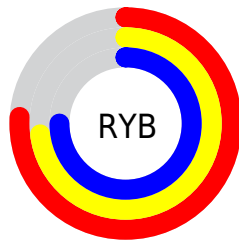
The XYZ color **49.5329, 50.8158, 57.0669** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9726, 52.8238, 55.7617**, and the grayscale version is **48.7436, 51.2820, 55.8461**.

A 20% lighter version of the original color is **88.4182, 91.2025, 101.7506**, and **24.0005, 24.4897, 27.8881** is the 20% darker color. If you saturate the color by 10%, you get **45.0896, 42.8936, 52.6115**, and if you desaturate by 10%, it is **54.5582, 59.8637, 61.8318**.

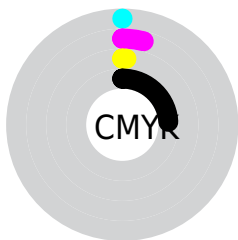
Distribution



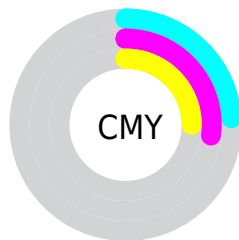
- Red (76%)
- Green (73%)
- Blue (75%)



- Red (76%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5329, 50.8158, 57.0669 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 49.5329, 50.8158, 57.0669 by changing the saturation by 10% instead.

■ 49.5329, 50.8158,
57.0669

■ 49.5329, 50.8158,
57.0669

375.3187,
389.8477, 431.2007

■ 35.2587, 36.0620,
40.6492

■ 88.6784, 91.3824,
102.0641

■ 24.0296, 24.4821,
27.7275

114.2804,
117.9641, 131.4807

■ 15.4805, 15.6916,
17.8831

144.3889,
149.2572, 166.0674

■ 9.2458, 9.3062,
10.6975

179.3695,
185.6461, 206.2427

■ 4.9602, 4.9414,
5.7522

219.5874,
227.5152, 252.4251

■ 2.2585, 2.2129,
2.6287

265.4080,

■ 0.7733, 0.7270,

275.2489, 305.0332

0.9072

317.1967,
329.2316, 364.4856

■ 0.0000, 0.0000,
0.0000

■ 49.5329, 50.8158,
57.0669

■ 49.5329, 50.8158,
57.0669

■ 45.0896, 42.8936,
52.6115

■ 54.5582, 59.8637,
61.8318

■ 41.2017, 36.0460,
48.4536

■ 60.1823, 70.0724,
66.9112

■ 37.8467, 30.2280,
44.5851

■ 66.4268, 81.4841,
72.3140

■ 34.9989, 25.3886,
40.9962

■ 70.1696, 87.8539,
77.0007

■ 32.6305, 21.4727,
37.6762

■ 70.8909, 88.1425,
80.7994

■ 30.7109, 18.4195,
34.6136

■ 71.6366, 88.4408,
84.7263

■ 29.2060, 16.1609,
31.7957

■ 72.4070, 88.7489,
88.7827

■ 28.0762, 14.6186,
29.2080

■ 73.2021, 89.0670,
92.9699

■ 27.2741, 13.6980,
26.8332

■ 74.0223, 89.3950,
97.2889

Harmonies

Analogous

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



49.0624, 50.8158, 58.6346



49.5329, 50.8158, 57.0669



49.6716, 50.8158, 55.0669

Triad

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



49.5329, 50.8158, 57.0669



48.2070, 50.8158, 51.5259



47.1760, 50.8158, 57.5337

Complementary

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



49.5329, 50.8158, 57.0669



48.9726, 52.8238, 55.7617

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.



46.9518, 50.8158, 55.5935



49.5329, 50.8158, 57.0669



47.5433, 50.8158, 52.1515

Square

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



49.5329, 50.8158, 57.0669



48.9017, 50.8158, 51.8988



47.0856, 50.8158, 53.6283



47.7011, 50.8158, 58.9087

Rectangle

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



49.5329, 50.8158, 57.0669



49.5561, 50.8158, 53.7653



47.0856, 50.8158, 53.6283



47.0632, 50.8158, 56.9243

Sweetspot

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



49.5343, 50.8180, 57.0680



91.9982, 96.1155, 105.5733



48.4921, 50.2549, 58.1840



20.1563, 21.0657, 23.1287



0.0000, 0.0000, 0.0000



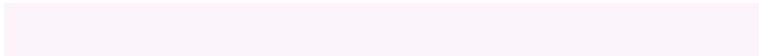
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5343, 50.8180, 57.0680



89.3520, 91.3683, 103.0105



49.1531, 50.6655, 55.0605



10.8401, 11.0353, 12.5083



17.7063, 8.7723, 16.8974



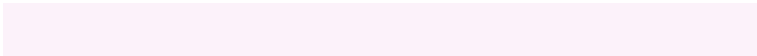
0.7935, 0.3904, 0.8800

Inverse Universe

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



49.5343, 50.8180, 57.0680



89.3520, 91.3683, 103.0105



49.3550, 52.9768, 57.7758



10.8401, 11.0353, 12.5083



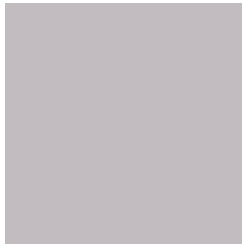
17.7063, 8.7723, 16.8974



0.7935, 0.3904, 0.8800

Previews

White Background



This preview shows how the XYZ color 49.5329, 50.8158, 57.0669 looks on a white background.

Color Contrast Check

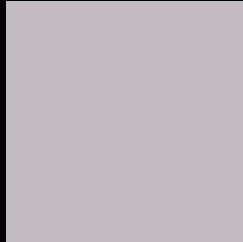
Large Text (above 18pt) WCAG AA × Fail

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 49.5329, 50.8158, 57.0669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

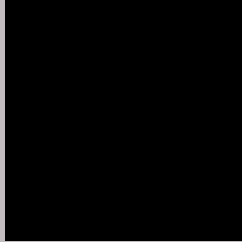
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5329, 50.8158, 57.0669

Background



This preview shows how black text looks on a background with the XYZ color 49.5329, 50.8158, 57.0669.



This preview shows how white text looks on a background with the XYZ color 49.5329, 50.8158,

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

49.5329, 50.8158, 57.0669

Protanopia

49.0947, 50.8931, 57.6879

Deuteranopia

51.7360, 50.6964, 57.5107



Tritanopia

50.4899, 50.8900, 61.8052

Trichromacy



Original Color

49.5329, 50.8158, 57.0669

Protanomaly

49.3471, 51.0232, 57.6997

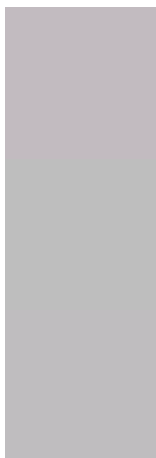
Deuteranomaly

50.8535, 50.5487, 57.5287

Tritanomaly

50.1426, 50.7511, 59.9765

Monochromacy



Original Color

49.5329, 50.8158, 57.0669

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0874, 51.2331, 56.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5329, 50.8158, 57.0669 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(194, 187, 192) looks like.

```
.text, #text, p{  
    color:rgb(194, 187, 192)  
}
```

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(194, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 187, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.5329, 50.8158, 57.0669 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(194, 187, 192) }
```


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

```
.border{ border-color:rgb(194, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 187,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5329, 50.8158, 57.0669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 187, 192) }
```

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

```
.background{ background-color: rgb(194,  
187, 192) }
```

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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