

Converting Colors

XYZ(48.6264, 51.9663, 57.6964)

Have a look what the booklet for
XYZ(48.6264, 51.9663, 57.6964)
contains.

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Color

**XYZ(48.7250, 51.9886,
57.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC0C1
RGB	186, 192, 193
RGB Percent	73%, 75%, 76%
CMY	0.2706, 0.2470, 0.2431
CMYK	0.04, 0.01, 0.00, 0.24
HSL	189°, 5%, 74%
HSV	189°, 4%, 76%
XYZ	48.7250, 51.9886, 57.9188
YIQ	190.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

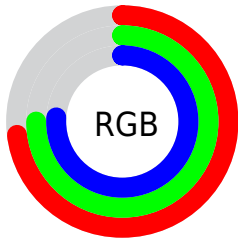
Format	Color
R _Y B	186, 189, 193
Decimal	12239041
CIE Lab	77.27, -1.88, -1.23
CIE LCh	77, 2.245, 213.311
Yxy	51.9886, 0.3072, 0.3277
Android (android.graphics.Color)	4290429121 (0xFFBAC0C1)
YUV	190.3200, 1.3212, -3.7886
Hunter-Lab	72.1031, -5.5558, 2.8459

Details

The XYZ color **48.7250, 51.9886, 57.9188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6258, 50.4229, 53.6250**, and the grayscale version is **49.1234, 51.6817, 56.2814**.

A 20% lighter version of the original color is **87.2842, 92.8516, 102.9443**, and **23.6391, 25.3452, 28.4571** is the 20% darker color. If you saturate the color by 10%, you get **43.7517, 48.5385, 57.5158**, and if you desaturate by 10%, it is **54.3458, 55.7922, 58.3575**.

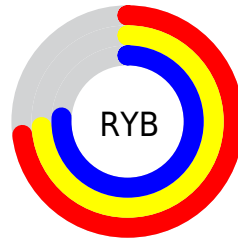
Distribution



Red (73%)

Green (75%)

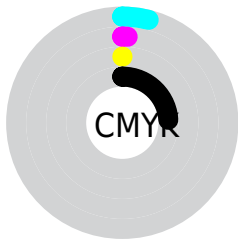
Blue (76%)



Red (73%)

Yellow (74%)

Blue (76%)

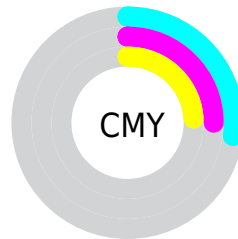


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7250, 51.9886, 57.9188 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 48.7250, 51.9886, 57.9188 by changing the saturation by 10% instead.

■ 48.7250, 51.9886,
57.9188

■ 48.7250, 51.9886,
57.9188

372.1936,
394.3926, 434.4731

■ 34.6150, 36.9960,
41.3291

■ 87.4861, 93.1144,
103.3182

■ 23.5316, 25.2044,
28.2547

112.8679,
120.0164, 132.9650

■ 15.1094, 16.2294,
18.2770

142.7376,
151.6570, 167.8013

■ 8.9830, 9.6866,
10.9776

177.4607,
188.4206, 208.2455

■ 4.7871, 5.1917,
5.9378

217.4025,
230.6915, 254.7162

■ 2.1564, 2.3602,
2.7391

262.9284,

■ 0.7196, 0.8053,

278.8543, 307.6321

0.9630

314.4036,
333.2932, 367.4115

■ 0.0000, 0.0000,
0.0000

■ 48.7250, 51.9886,
57.9188

■ 48.7250, 51.9886,
57.9188

■ 43.7517, 48.5385,
57.5158

■ 54.3458, 55.7922,
58.3575

■ 39.3963, 45.4221,
57.1438

■ 60.6337, 59.9550,
58.8296

■ 35.6333, 42.6277,
56.8028

■ 67.6126, 64.4909,
59.3373

■ 32.4336, 40.1401,
56.4913

■ 72.2218, 67.8223,
59.7374

■ 29.7659, 37.9432,
56.2078

■ 72.8768, 69.1323,
59.9557

■ 27.5956, 36.0189,
55.9508

■ 73.5433, 70.4654,
60.1779

■ 25.8839, 34.3473,
55.7183

■ 74.2215, 71.8218,
60.4040

■ 24.5862, 32.9052,
55.5084

■ 74.9114, 73.2015,
60.6339

■ 23.6487, 31.6648,
55.3184

■ 75.6130, 74.6047,
60.8678

Harmonies

Analogous

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



48.5917, 51.9886, 56.7438



48.7250, 51.9886, 57.9188



49.0427, 51.9886, 58.7516

Triad

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



48.7250, 51.9886, 57.9188



50.1569, 51.9886, 57.6783



49.3658, 51.9886, 54.2727

Complementary

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



48.7250, 51.9886, 57.9188



48.6258, 50.4229, 53.6250

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.



49.7864, 51.9886, 54.5148



48.7250, 51.9886, 57.9188



50.2447, 51.9886, 56.4699

Square

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



48.7250, 51.9886, 57.9188



49.8696, 51.9886, 58.6113



50.1087, 51.9886, 55.3147



48.9604, 51.9886, 54.6484

Rectangle

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



48.7250, 51.9886, 57.9188



49.3172, 51.9886, 58.9943



50.1087, 51.9886, 55.3147



49.5101, 51.9886, 54.2845

Sweetspot

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



48.7265, 51.9908, 57.9199



89.7831, 94.8312, 103.9325



48.2830, 52.1649, 54.5012



19.2722, 20.3518, 22.2978



92.9021, 97.7402, 106.4391



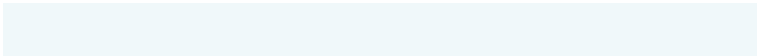
19.4759, 20.4902, 22.3138

Same Dimension

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



48.7265, 51.9908, 57.9199



86.8562, 92.8323, 103.7009



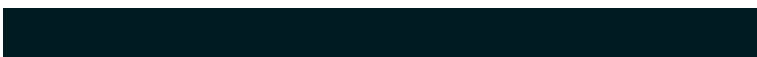
47.9807, 50.4993, 57.6714



10.7742, 11.5434, 12.9451



15.4574, 20.6714, 36.7319



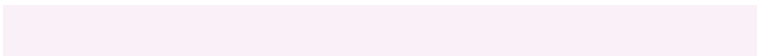
0.7021, 0.9616, 1.5985

Inverse Universe

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



49.0668, 50.2621, 56.9872



87.5376, 89.3761, 101.8324



49.3635, 51.8984, 53.8709



10.8720, 11.0481, 12.6766



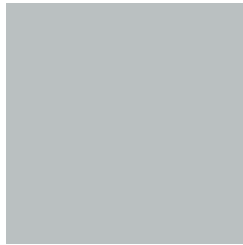
19.1982, 9.3690, 24.7534



0.8468, 0.4117, 1.1605

Previews

White Background



This preview shows how the XYZ color 48.7250, 51.9886, 57.9188 looks on a white background.

Color Contrast Check

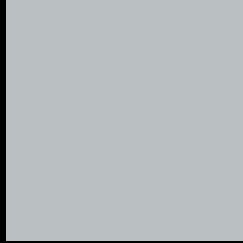
Large Text (above 18pt) WCAG AA × Fail

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 48.7250, 51.9886, 57.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

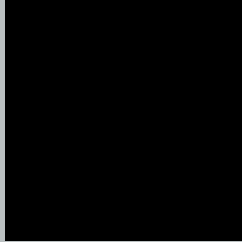
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

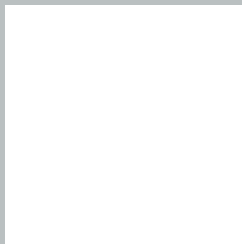
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7250, 51.9886, 57.9188

Background



This preview shows how black text looks on a background with the XYZ color 48.7250, 51.9886, 57.9188.

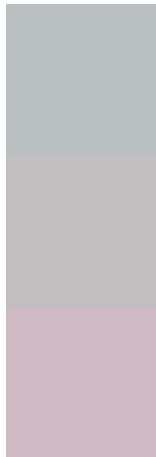


This preview shows how white text looks on a background with the XYZ color 48.7250, 51.9886,

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

48.7250, 51.9886, 57.9188

Protanopia

50.1760, 52.1020, 57.2813

Deuteranopia

52.8187, 51.8584, 58.2648



Tritanopia

50.1719, 51.9261, 65.1360

Trichromacy



Original Color

48.7250, 51.9886, 57.9188

Protanomaly

49.6311, 52.1437, 57.3181

Deuteranomaly

51.2740, 52.0036, 58.3742

Tritanomaly

49.6669, 52.0434, 62.6860

Monochromacy



Original Color

48.7250, 51.9886, 57.9188

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0210, 51.8420, 56.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7250, 51.9886, 57.9188 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(186, 192, 193) looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 193)  
}
```

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(186, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.7250, 51.9886, 57.9188 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(186, 192, 193) }
```


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

```
.border{ border-color:rgb(186, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7250, 51.9886, 57.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 193) }
```

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

```
.background{ background-color: rgb(186,  
192, 193) }
```

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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