

Converting Colors

XYZ(49.1019, 54.4129, 57.4321)

Have a look what the booklet for
XYZ(49.1019, 54.4129, 57.4321)
contains.

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Color

**XYZ(49.1188, 54.5535,
57.2313)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C7BF
RGB	182, 199, 191
RGB Percent	71%, 78%, 75%
CMY	0.2863, 0.2196, 0.2510
CMYK	0.09, 0.00, 0.04, 0.22
HSL	152°, 13%, 75%
HSV	152°, 9%, 78%
XYZ	49.1188, 54.5535, 57.2313
YIQ	193.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

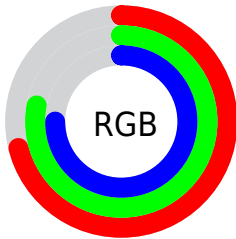
Format	Color
RYB	182, 193, 199
Decimal	11978687
CIELab	78.78, -7.31, 2.01
CIElCh	79, 7.579, 164.597
Yxy	54.5535, 0.3053, 0.3390
Android (android.graphics.Color)	4290168767 (0xFFB6C7BF)
YUV	193.0050, -0.9885, -9.6514
Hunter-Lab	73.8603, -10.5491, 5.7609

Details

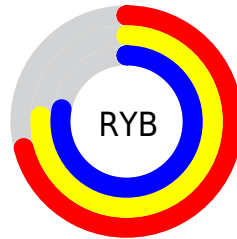
The XYZ color **49.1188, 54.5535, 57.2313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5774, 49.3171, 55.6239**, and the grayscale version is **50.7016, 53.3420, 58.0894**.

A 20% lighter version of the original color is **87.8084, 96.4125, 101.9772**, and **23.7661, 26.7529, 27.9560** is the 20% darker color. If you saturate the color by 10%, you get **43.7511, 51.9032, 51.7708**, and if you desaturate by 10%, it is **55.2235, 57.5791, 63.0728**.

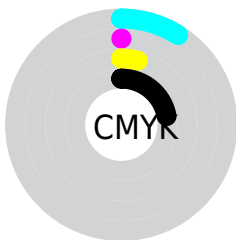
Distribution



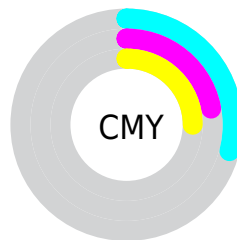
- Red (71%)
- Green (78%)
- Blue (75%)



- Red (71%)
- Yellow (76%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1188, 54.5535, 57.2313 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 49.1188, 54.5535, 57.2313 by changing the saturation by 10% instead.

■ 49.1188, 54.5535,
57.2313

■ 49.1188, 54.5535,
57.2313

373.7190,
404.2172, 431.8334

■ 34.9287, 39.0444,
40.7804

■ 88.0675, 96.8865,
102.3063

■ 23.7742, 26.7942,
27.8291

113.5568,
124.4791, 131.7674

■ 15.2900, 17.4187,
17.9590

143.5432,
156.8683, 166.4024

■ 9.1108, 10.5335,
10.7514

178.3921,
194.4385, 206.6297

■ 4.8712, 5.7541,
5.7879

218.4687,
237.5741, 252.8680

■ 2.2059, 2.6961,
2.6498

264.1385,

■ 0.7458, 0.9752,

286.6594, 305.5356

0.9180

315.7668,
342.0790, 365.0513

■ 0.0000, 0.0000,
0.0000

■ 49.1188, 54.5535,
57.2313

■ 49.1188, 54.5535,
57.2313

■ 43.7511, 51.9032,
51.7708

■ 55.2235, 57.5791,
63.0728

■ 39.0864, 49.6063,
46.6798

■ 62.0880, 60.9872,
69.2991

■ 35.0951, 47.6492,
41.9516

■ 69.7400, 64.7934,
75.9187

■ 31.7434, 46.0147,
37.5778

■ 75.7332, 67.7364,
82.8230

■ 28.9946, 44.6840,
33.5496

■ 77.0728, 68.2722,
89.8776

■ 26.8080, 43.6362,
29.8581

■ 78.4841, 68.8368,
97.3092

■ 25.1376, 42.8478,
26.4935

■ 79.7144, 69.3289,
103.7881

■ 23.9295, 42.2912,
23.4455

■ 23.0989, 41.9229,
20.7021

Harmonies

Analogous

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



49.8516, 54.5535, 53.7068



49.1188, 54.5535, 57.2313



49.1087, 54.5535, 61.5068

Triad

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



49.1188, 54.5535, 57.2313



52.5822, 54.5535, 67.7617



53.9336, 54.5535, 53.7836

Complementary

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



49.1188, 54.5535, 57.2313



49.5774, 49.3171, 55.6239

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.



54.6945, 54.5535, 57.3409



49.1188, 54.5535, 57.2313



53.9041, 54.5535, 65.4809

Square

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



49.1188, 54.5535, 57.2313



51.0888, 54.5535, 67.7289



54.6836, 54.5535, 61.6218



52.6217, 54.5535, 51.7826

Rectangle

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



49.1188, 54.5535, 57.2313



49.5121, 54.5535, 64.2168



54.6836, 54.5535, 61.6218



54.2634, 54.5535, 54.8293

Sweetspot

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



49.1203, 54.5558, 57.2325



91.7169, 98.3481, 105.7462



50.1582, 55.2018, 52.2682



19.4449, 20.9583, 22.4559



0.0000, 0.0000, 0.0000



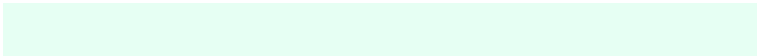
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1203, 54.5558, 57.2325



84.4102, 94.7313, 98.6283



49.9604, 54.7876, 61.9774



10.7281, 11.9801, 12.5185



14.8280, 26.9436, 13.3048



0.7385, 1.2903, 0.8216

Inverse Universe

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



49.5774, 49.3171, 55.6239



85.3502, 83.9567, 95.3198



48.7844, 49.0929, 51.1614



10.8382, 10.7187, 12.1311



16.4783, 8.3409, 7.7284



0.8168, 0.4095, 0.5583

Previews

White Background



This preview shows how the XYZ color 49.1188, 54.5535, 57.2313 looks on a white background.

Color Contrast Check

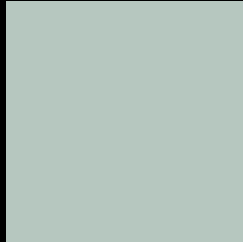
Large Text (above 18pt) WCAG AA × Fail

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 49.1188, 54.5535, 57.2313 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

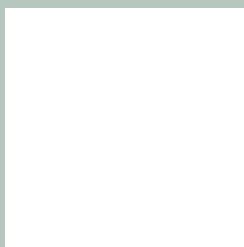
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1188, 54.5535, 57.2313

Background



This preview shows how black text looks on a background with the XYZ color 49.1188, 54.5535, 57.2313.

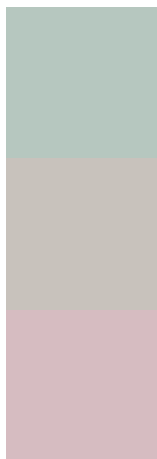


This preview shows how white text looks on a background with the XYZ color 49.1188, 54.5535,

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

49.1188, 54.5535, 57.2313

Protanopia

52.1883, 54.4938, 55.3447

Deuteranopia

55.3404, 54.1128, 57.9801



Tritanopia

51.5054, 54.4973, 69.4324

Trichromacy



Original Color

49.1188, 54.5535, 57.2313

Protanomaly

50.9176, 54.4914, 55.9784

Deuteranomaly

52.7212, 54.0616, 57.5254

Tritanomaly

50.6325, 54.4825, 64.9743

Monochromacy



Original Color

49.1188, 54.5535, 57.2313

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0158, 53.6548, 57.5895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1188, 54.5535, 57.2313 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(182, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 191)  
}
```

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(182, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 191) }
```

Border

The CSS property to change the border of an element to XYZ 49.1188, 54.5535, 57.2313 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(182, 199, 191) }
```


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

```
.border{ border-color:rgb(182, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1188, 54.5535, 57.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 191) }
```

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

```
.background{ background-color: rgb(182,  
199, 191) }
```

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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