

Converting Colors

XYZ(49.3653, 54.5824, 55.4854)

Have a look what the booklet for
XYZ(49.3653, 54.5824, 55.4854)
contains.

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Color

**XYZ(49.5081, 54.7920,
55.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C7BC
RGB	185, 199, 188
RGB Percent	73%, 78%, 74%
CMY	0.2745, 0.2196, 0.2627
CMYK	0.07, 0.00, 0.06, 0.22
HSL	133°, 11%, 75%
HSV	133°, 7%, 78%
XYZ	49.5081, 54.7920, 55.5435
YIQ	193.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

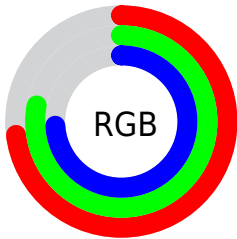
Format	Color
RYB	185, 197, 199
Decimal	12175292
CIELab	78.92, -6.84, 3.85
CIELCh	79, 7.854, 150.620
Yxy	54.7920, 0.3097, 0.3428
Android (android.graphics.Color)	4290365372 (0xFFB9C7BC)
YUV	193.5600, -2.7411, -7.5071
Hunter-Lab	74.0216, -10.1511, 7.3258

Details

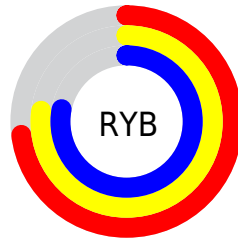
The XYZ color **49.5081, 54.7920, 55.5435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8680, 50.8269, 59.3567**, and the grayscale version is **51.0372, 53.6952, 58.4740**.

A 20% lighter version of the original color is **88.3648, 96.7524, 99.6057**, and **24.0143, 26.9056, 26.8493** is the 20% darker color. If you saturate the color by 10%, you get **43.4440, 51.8517, 46.9322**, and if you desaturate by 10%, it is **56.4299, 58.1564, 65.1507**.

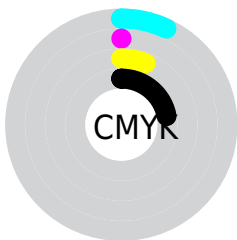
Distribution



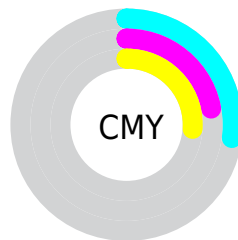
- Red (73%)
- Green (78%)
- Blue (74%)



- Red (73%)
- Yellow (77%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5081, 54.7920, 55.5435 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 49.5081, 54.7920, 55.5435 by changing the saturation by 10% instead.

■ 49.5081, 54.7920,
55.5435

■ 49.5081, 54.7920,
55.5435

375.2230,
405.1230, 425.3087

■ 35.2389, 39.2352,
39.4355

■ 88.6418, 97.2361,
99.8159

■ 24.0143, 26.9428,
26.7883

114.2370,
124.8923, 128.8174

■ 15.4691, 17.5302,
17.1832

144.3383,
157.3503, 162.9539

■ 9.2377, 10.6133,
10.2019

179.3110,
194.9947, 202.6438

■ 4.9549, 5.8074,
5.4257

219.5205,
238.2097, 248.3057

■ 2.2553, 2.7283,
2.4360

265.3321,

■ 0.7716, 0.9916,

287.3799, 300.3581

0.8060

317.1111,
342.8895, 359.2196

■ 0.0000, 0.0000,
0.0000

■ 49.5081, 54.7920,
55.5435

■ 49.5081, 54.7920,
55.5435

■ 43.4440, 51.8517,
46.9322

■ 56.4299, 58.1564,
65.1507

■ 38.1995, 49.3120,
39.2815

■ 64.2366, 61.9537,
75.7805

■ 33.7403, 47.1574,
32.5588

■ 72.9597, 66.2011,
87.4632

■ 30.0280, 45.3688,
26.7290

■ 79.0060, 69.0456,
100.0572

■ 27.0208, 43.9255,
21.7541

■ 79.7145, 69.3290,
103.7882

■ 24.6728, 42.8047,
17.5940

■ 22.9324, 41.9807,
14.2048

■ 21.7400, 41.4238,
11.5388

■ 21.0169, 41.0945,
9.5423

Harmonies

Analogous

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



50.5654, 54.7920, 52.5683



49.5081, 54.7920, 55.5435



49.1362, 54.7920, 59.7522

Triad

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



49.5081, 54.7920, 55.5435



52.1106, 54.7920, 68.6672



54.7021, 54.7920, 55.3902

Complementary

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



49.5081, 54.7920, 55.5435



50.8680, 50.8269, 59.3567

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.



55.1352, 54.7920, 59.5663



49.5081, 54.7920, 55.5435



53.6208, 54.7920, 67.3607

Square

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



49.5081, 54.7920, 55.5435



50.6205, 54.7920, 67.4615



54.7356, 54.7920, 63.9733



53.5635, 54.7920, 52.4829

Rectangle

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



49.5081, 54.7920, 55.5435



49.3211, 54.7920, 62.7356



54.7356, 54.7920, 63.9733



54.9360, 54.7920, 56.6850

Sweetspot

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



49.5096, 54.7943, 55.5447



92.5599, 98.7901, 105.4507



51.9996, 56.1150, 53.9902



19.8377, 21.1578, 22.6070



0.0000, 0.0000, 0.0000



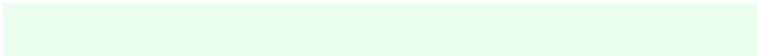
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5096, 54.7943, 55.5447



85.4647, 95.3444, 95.5375



50.2605, 55.0947, 59.4988



10.5889, 11.9245, 11.7855



13.4356, 26.3866, 5.9724



0.6637, 1.2604, 0.4279

Inverse Universe

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



50.8680, 50.8269, 59.3567



88.1881, 87.3895, 103.1806



50.1109, 50.5241, 55.3703



10.9820, 10.7762, 12.8887



19.0570, 9.3724, 21.3077



0.9273, 0.4538, 1.1405

Previews

White Background



This preview shows how the XYZ color 49.5081, 54.7920, 55.5435 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 49.5081, 54.7920, 55.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

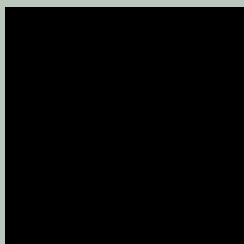
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

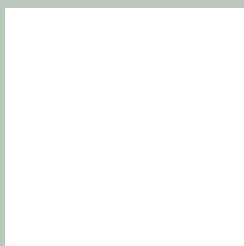
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5081, 54.7920, 55.5435

Background



This preview shows how black text looks on a background with the XYZ color 49.5081, 54.7920, 55.5435.



This preview shows how white text looks on a background with the XYZ color 49.5081, 54.7920,

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

49.5081, 54.7920, 55.5435

Protanopia

52.1361, 54.5039, 53.6714

Deuteranopia

55.8108, 54.7118, 56.3341



Tritanopia

52.4841, 55.0018, 69.4782

Trichromacy



Original Color

49.5081, 54.7920, 55.5435

Protanomaly

51.1085, 54.6271, 54.3048

Deuteranomaly

53.4321, 54.7932, 55.9041

Tritanomaly

51.4848, 54.9357, 64.3900

Monochromacy



Original Color

49.5081, 54.7920, 55.5435

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7402, 54.3620, 57.6878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5081, 54.7920, 55.5435 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(185, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 199, 188)  
}
```

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(185, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 199, 188) }
```

Border

The CSS property to change the border of an element to XYZ 49.5081, 54.7920, 55.5435 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(185, 199, 188) }
```


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

```
.border{ border-color:rgb(185, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(185, 199,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5081, 54.7920, 55.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 199, 188) }
```

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

```
.background{ background-color: rgb(185,  
199, 188) }
```

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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