

Converting Colors

XYZ(51.5092, 49.1138, 55.4803)

Have a look what the booklet for
XYZ(51.5092, 49.1138, 55.4803)
contains.

XYZ(51.5092, 49.1138, 55.4803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.5092, 49.1138,
55.4803)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B2BE
RGB	209, 178, 190
RGB Percent	82%, 70%, 75%
CMY	0.1804, 0.3019, 0.2549
CMYK	0.00, 0.15, 0.09, 0.18
HSL	337°, 25%, 76%
HSV	337°, 15%, 82%
XYZ	51.5092, 49.1138, 55.4803
YIQ	188.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

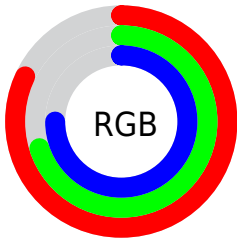
Format	Color
R _{YB}	209, 178, 190
Decimal	13742782
CIE Lab	75.52, 13.16, -1.95
CIE LCh	76, 13.300, 351.583
Yxy	49.1138, 0.3300, 0.3146
Android (android.graphics.Color)	4291932862 (0xFFD1B2BE)
YUV	188.6370, 0.6720, 17.8584
Hunter-Lab	70.0812, 8.5540, 2.1195

Details

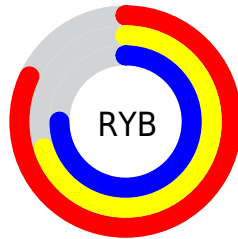
The XYZ color **51.5092, 49.1138, 55.4803** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2406, 59.0985, 61.5327**, and the grayscale version is **48.1541, 50.6619, 55.1708**.

A 20% lighter version of the original color is **87.2974, 86.7595, 99.3340**, and **25.1754, 23.3434, 26.8457** is the 20% darker color. If you saturate the color by 10%, you get **46.3243, 40.8868, 47.1447**, and if you desaturate by 10%, it is **57.4536, 58.6615, 64.6775**.

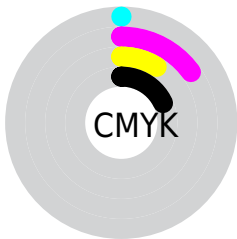
Distribution



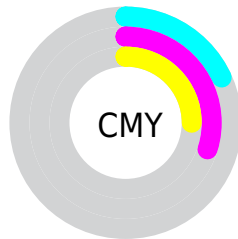
- Red (82%)
- Green (70%)
- Blue (75%)



- Red (82%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5092, 49.1138, 55.4803 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 51.5092, 49.1138, 55.4803 by changing the saturation by 10% instead.


 51.5092, 49.1138,
55.4803

 51.5092, 49.1138,
55.4803


382.8941,
383.1902, 425.0632

 36.8367, 34.7098,
39.3852

 91.5855, 88.8604,
99.7225

 25.2542, 23.4394,
26.7494


117.7201,
114.9718, 128.7067

 16.3963, 14.9183,
17.1543


148.4060,
145.7545, 162.8243

 9.8976, 8.7621,
10.1815

184.0087,
181.5928, 202.4940

 5.3929, 4.5863,
5.4123

224.8935,
222.8711, 248.1341

 2.5167, 2.0066,
2.4282

271.4257,

 0.9037, 0.6113,

269.9738, 300.1634

0.8017

323.9708,
323.2854, 359.0002

■ 0.0000, 0.0000,
0.0000

■ 51.5092, 49.1138,
55.4803

■ 51.5092, 49.1138,
55.4803

■ 46.3243, 40.8868,
47.1447

■ 57.4536, 58.6615,
64.6775

■ 41.8629, 33.9155,
39.6415

■ 64.1830, 69.5781,
74.7581

■ 38.0925, 28.1394,
32.9441

■ 71.7270, 81.9173,
85.7470

■ 34.9760, 23.4900,
27.0234

■ 77.9688, 91.4411,
96.9525

■ 32.4730, 19.8920,
21.8481

■ 79.9534, 92.2349,
107.4033

■ 30.5381, 17.2610,
17.3845

■ 80.1048, 92.2955,
108.2006

■ 29.1193, 15.4990,
13.5955

■ 28.1535, 14.4869,
10.4391

■ 27.7759, 14.1479,
9.0296

Harmonies

Analogous

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



50.4790, 49.1138, 62.3263



51.5092, 49.1138, 55.4803



51.2106, 49.1138, 48.6552

Triad

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



51.5092, 49.1138, 55.4803



44.9659, 49.1138, 41.8627



43.8085, 49.1138, 64.7860

Complementary

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



51.5092, 49.1138, 55.4803



51.2406, 59.0985, 61.5327

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.



42.4271, 49.1138, 58.6063



51.5092, 49.1138, 55.4803



43.0788, 49.1138, 45.5069

Square

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



51.5092, 49.1138, 55.4803



47.3757, 49.1138, 41.1848



42.1647, 49.1138, 51.5217



45.9935, 49.1138, 67.9988

Rectangle

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



51.5092, 49.1138, 55.4803



50.3025, 49.1138, 44.9948



42.1647, 49.1138, 51.5217



43.2380, 49.1138, 62.9624

Sweetspot

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



51.5106, 49.1160, 55.4813



90.8915, 93.2677, 102.6283



50.3522, 48.2630, 66.9842



19.2920, 19.7006, 21.7197



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.



51.5106, 49.1160, 55.4813



77.9114, 72.4486, 82.4526



50.8763, 49.8603, 49.0646



11.9954, 11.8829, 13.2517



17.1705, 8.7410, 5.8040



0.9985, 0.5041, 0.5267

Inverse Universe

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



51.5106, 49.1160, 55.4813



77.9114, 72.4486, 82.4526



51.9176, 58.1643, 68.8129



11.9954, 11.8829, 13.2517



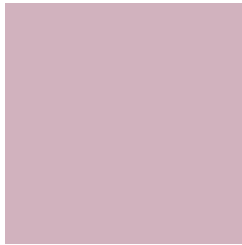
17.1705, 8.7410, 5.8040



0.9985, 0.5041, 0.5267

Previews

White Background



This preview shows how the XYZ color 51.5092, 49.1138, 55.4803 looks on a white background.

Color Contrast Check

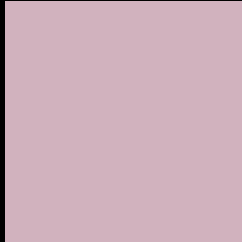
Large Text (above 18pt) WCAG AA × Fail

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 51.5092, 49.1138, 55.4803 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 51.5092, 49.1138, 55.4803

Background



This preview shows how black text looks on a background with the XYZ color 51.5092, 49.1138, 55.4803.



This preview shows how white text looks on a background with the XYZ color 51.5092, 49.1138,

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

51.5092, 49.1138, 55.4803

Protanopia

47.5801, 49.1578, 58.0196

Deuteranopia

50.2441, 49.0567, 55.5359



Tritanopia

51.7293, 49.2019, 56.6397

Trichromacy



Original Color

51.5092, 49.1138, 55.4803

Protanomaly

48.8593, 48.9083, 57.3172

Deuteranomaly

50.5912, 48.9370, 55.4945

Tritanomaly

51.6189, 49.1577, 56.0580

Monochromacy



Original Color

51.5092, 49.1138, 55.4803

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2992, 50.1078, 55.2175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5092, 49.1138, 55.4803 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(209, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 178, 190)  
}
```

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(209, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 178, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.5092, 49.1138, 55.4803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

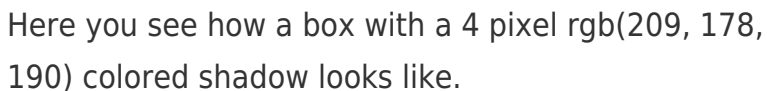
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 178, 190) }
```


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

```
.border{ border-color:rgb(209, 178, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 178, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 178, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 178, 190); box-shadow:4px 4px 4px 4px rgb(209, 178, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5092, 49.1138, 55.4803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 178, 190) }
```

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

```
.background{ background-color: rgb(209,  
178, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor