

Converting Colors

XYZ(51.4518, 49.7137, 52.3476)

Have a look what the booklet for
XYZ(51.4518, 49.7137, 52.3476)
contains.

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Color

**XYZ(51.5513, 49.8048,
52.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B4B8
RGB	210, 180, 184
RGB Percent	82%, 71%, 72%
CMY	0.1765, 0.2941, 0.2784
CMYK	0.00, 0.14, 0.12, 0.18
HSL	352°, 25%, 76%
HSV	352°, 14%, 82%
XYZ	51.5513, 49.8048, 52.2436
YIQ	189.4260, 16.5960, 7.6040

Conversions

Conversions Part 2

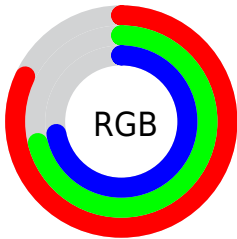
Format	Color
R _Y B	210, 180, 184
Decimal	13808824
CIE Lab	75.95, 11.43, 1.96
CIE LCh	76, 11.593, 9.728
Yxy	49.8048, 0.3356, 0.3243
Android (android.graphics.Color)	4291998904 (0xFFD2B4B8)
YUV	189.4260, -2.6750, 18.0434
Hunter-Lab	70.5725, 6.8875, 5.5094

Details

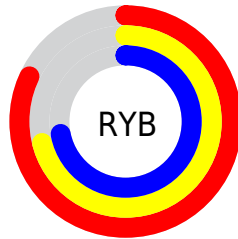
The XYZ color **51.5513, 49.8048, 52.2436** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0115, 60.2539, 67.2316**, and the grayscale version is **48.6230, 51.1552, 55.7080**.

A 20% lighter version of the original color is **86.9636, 87.5422, 94.7519**, and **25.2037, 23.7860, 24.7355** is the 20% darker color. If you saturate the color by 10%, you get **45.8420, 41.2455, 41.5248**, and if you desaturate by 10%, it is **58.1512, 59.7513, 64.4718**.

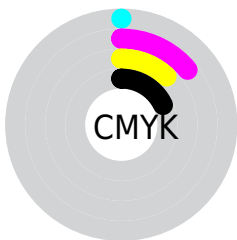
Distribution



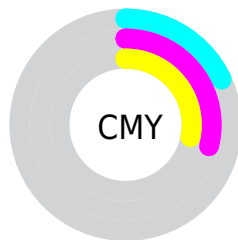
- Red (82%)
- Green (71%)
- Blue (72%)



- Red (82%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5513, 49.8048, 52.2436 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 51.5513, 49.8048, 52.2436 by changing the saturation by 10% instead.


 51.5513, 49.8048,
52.2436

 51.5513, 49.8048,
52.2436


383.0544,
385.9021, 412.3600

 36.8704, 35.2583,
36.8157


 91.6473, 89.8856,
94.9206

 25.2804, 23.8619,
24.7702


117.7931,
116.1887, 123.0069

 16.4159, 15.2312,
15.6884

148.4913,
147.1795, 156.1496

 9.9116, 8.9818,
9.1520

184.1071,
183.2423, 194.7674

 5.4022, 4.7293,
4.7423

225.0059,
224.7616, 239.2788

 2.5223, 2.0893,
2.0408

271.5532,

 0.9065, 0.6586,

272.1217, 290.1023

0.5802

324.1142,
325.7071, 347.6566

0.0000, 0.0000,
0.0000

51.5513, 49.8048,
52.2436

51.5513, 49.8048,
52.2436

45.8420, 41.2455,
41.5248

58.1512, 59.7513,
64.4718

40.9812, 34.0055,
32.2536

65.6733, 71.1359,
78.2615

36.9291, 28.0209,
24.3687

74.1529, 84.0149,
93.6664

33.6417, 23.2203,
17.8032

80.3886, 92.4418,
108.2139

31.0703, 19.5247,
12.4846

■ 29.1607, 16.8456,
8.3331

■ 27.8508, 15.0810,
5.2599

■ 27.0662, 14.1072,
3.1627

■ 26.7879, 13.7855,
2.3462

Harmonies

Analogous

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



51.3424, 49.8048, 58.4562



51.5513, 49.8048, 52.2436



50.6051, 49.8048, 46.9753

Triad

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



51.5513, 49.8048, 52.2436



44.7324, 49.8048, 45.5844



45.9133, 49.8048, 66.1715

Complementary

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



51.5513, 49.8048, 52.2436



53.0115, 60.2539, 67.2316

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.



44.2146, 49.8048, 62.1933



51.5513, 49.8048, 52.2436



43.5473, 49.8048, 50.2106

Square

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



51.5513, 49.8048, 52.2436



46.6396, 49.8048, 43.3284



43.3607, 49.8048, 56.2640



48.0433, 49.8048, 66.8197

Rectangle

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



51.5513, 49.8048, 52.2436



49.4630, 49.8048, 44.5899



43.3607, 49.8048, 56.2640



45.2747, 49.8048, 65.1657

Sweetspot

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



51.5527, 49.8070, 52.2447



90.4909, 93.1074, 100.5189



53.4092, 50.4197, 67.8903



19.1909, 19.6602, 21.1873



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.



51.5527, 49.8070, 52.2447



77.2759, 73.2041, 75.9930



53.4489, 54.2604, 50.8389



11.8719, 11.8335, 12.6015



16.3613, 8.4174, 1.5429



0.9363, 0.4792, 0.1992

Inverse Universe

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



51.5527, 49.8070, 52.2447



77.2759, 73.2041, 75.9930



50.8805, 55.2050, 68.9473



11.8719, 11.8335, 12.6015



16.3613, 8.4174, 1.5429



0.9363, 0.4792, 0.1992

Previews

White Background



This preview shows how the XYZ color 51.5513, 49.8048, 52.2436 looks on a white background.

Color Contrast Check

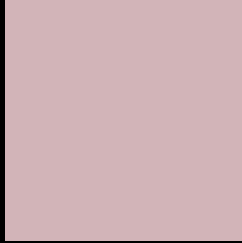
Large Text (above 18pt) WCAG AA × Fail

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 51.5513, 49.8048, 52.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

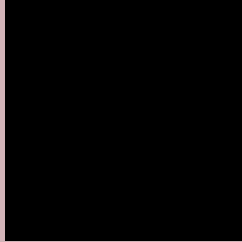
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5513, 49.8048, 52.2436

Background



This preview shows how black text looks on a background with the XYZ color 51.5513, 49.8048, 52.2436.



This preview shows how white text looks on a background with the XYZ color 51.5513, 49.8048,

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

51.5513, 49.8048, 52.2436

Protanopia

47.8712, 49.6958, 54.6461

Deuteranopia

50.9077, 49.7738, 52.2716



Tritanopia

52.6097, 49.9393, 57.3185

Trichromacy



Original Color

51.5513, 49.8048, 52.2436

Protanomaly

49.1361, 49.7392, 54.0246

Deuteranomaly

51.1880, 49.9183, 52.2847

Tritanomaly

52.2783, 49.8068, 55.5735

Monochromacy



Original Color

51.5513, 49.8048, 52.2436

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5545, 50.5760, 54.1640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5513, 49.8048, 52.2436 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(210, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(210, 180, 184)  
}
```

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(210, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.5513, 49.8048, 52.2436 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(210, 180, 184) }
```


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

```
.border{ border-color:rgb(210, 180, 184) }
```

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

Here you see how a box with a 4 pixel rgb(210, 180, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5513, 49.8048, 52.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 180, 184) }
```

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

```
.background{ background-color: rgb(210,  
180, 184) }
```

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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