

Converting Colors

XYZ(50.7524, 49.4525, 49.5182)

Have a look what the booklet for
XYZ(50.7524, 49.4525, 49.5182)
contains.

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Color

**XYZ(50.7524, 49.4525,
49.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B4B3
RGB	209, 180, 179
RGB Percent	82%, 71%, 70%
CMY	0.1804, 0.2941, 0.2980
CMYK	0.00, 0.14, 0.14, 0.18
HSL	2°, 25%, 76%
HSV	2°, 14%, 82%
XYZ	50.7524, 49.4525, 49.5182
YIQ	188.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

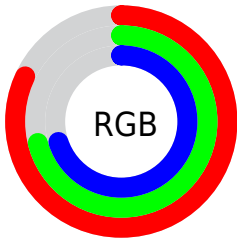
Format	Color
R _Y B	209, 180, 179
Decimal	13743283
CIE Lab	75.73, 10.25, 4.36
CIE LCh	76, 11.133, 23.031
Yxy	49.4525, 0.3390, 0.3303
Android (android.graphics.Color)	4291933363 (0xFFD1B4B3)
YUV	188.5570, -4.7116, 17.9285
Hunter-Lab	70.3225, 5.7608, 7.4761

Details

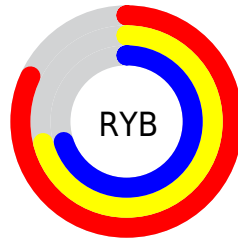
The XYZ color **50.7524, 49.4525, 49.5182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.6545, 59.2975, 68.9923**, and the grayscale version is **48.1370, 50.6439, 55.1512**.

A 20% lighter version of the original color is **86.2308, 87.2491, 90.8932**, and **24.6817, 23.5551, 22.9844** is the 20% darker color. If you saturate the color by 10%, you get **45.0119, 41.1014, 37.9545**, and if you desaturate by 10%, it is **57.4104, 59.1249, 62.9696**.

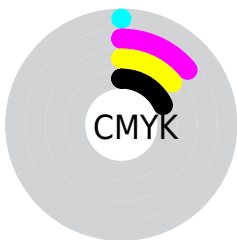
Distribution



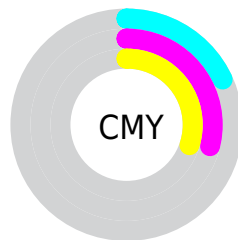
- Red (82%)
- Green (71%)
- Blue (70%)



- Red (82%)
- Yellow (71%)
- Blue (70%)



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





- Cyan (18%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7524, 49.4525, 49.5182 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 50.7524, 49.4525, 49.5182 by changing the saturation by 10% instead.


 50.7524, 49.4525,
49.5182

 50.7524, 49.4525,
49.5182


380.0046,
384.5210, 401.4598

 36.2318, 34.9786,
34.6622


 90.4738, 89.3631,
90.8496

 24.7842, 23.6464,
23.1213


116.4054,
115.5686, 118.1620

 16.0443, 15.0715,
14.4770

146.8714,
146.4535, 150.4637

 9.6465, 8.8696,
8.3106

182.2371,
182.4020, 188.1732

 5.2257, 4.6562,
4.2037

222.8680,
223.7986, 231.7090

 2.4164, 2.0470,
1.7378

269.1292,

 0.8533, 0.6346,

271.0277, 281.4897

0.3864

321.3863,
324.4737, 337.9337

0.0000, 0.0000,
0.0000

50.7524, 49.4525,
49.5182

50.7524, 49.4525,
49.5182

45.0119, 41.1014,
37.9545

57.4104, 59.1249,
62.9696

40.1447, 34.0079,
28.1910

65.0194, 70.1654,
78.3844

36.1095, 28.1131,
20.1382

73.6160, 82.6266,
95.8381

32.8595, 23.3510,
13.6976

80.1047, 92.2954,
108.2006

30.3437, 19.6488,
8.7607

■ 28.5049, 16.9255,
5.2057

■ 27.2774, 15.0884,
2.8917

■ 26.5826, 14.0271,
1.6479

■ 26.3706, 13.7072,
1.2559

Harmonies

Analogous

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



51.0552, 49.4525, 55.2367



50.7524, 49.4525, 49.5182



49.4314, 49.4525, 45.2621

Triad

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



50.7524, 49.4525, 49.5182



43.9018, 49.4525, 47.2928



46.5231, 49.4525, 65.9388

Complementary

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



50.7524, 49.4525, 49.5182



52.6545, 59.2975, 68.9923

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.



44.6557, 49.4525, 63.4505



50.7524, 49.4525, 49.5182



43.1713, 49.4525, 52.4776

Square

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



50.7524, 49.4525, 49.5182



45.4669, 49.4525, 44.0444



43.4432, 49.4525, 58.4175



48.5736, 49.4525, 65.0020

Rectangle

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



50.7524, 49.4525, 49.5182



48.1714, 49.4525, 43.6856



43.4432, 49.4525, 58.4175



45.8539, 49.4525, 65.4695

Sweetspot

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



50.7538, 49.4547, 49.5192



90.3861, 93.2307, 99.4577



53.8003, 50.3502, 66.5579



19.1645, 19.6912, 20.9201



0.0000, 0.0000, 0.0000



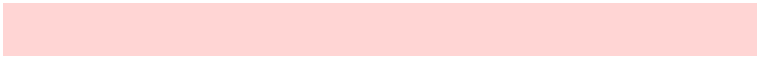
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7538, 49.4547, 49.5192



76.8991, 73.6349, 72.2161



53.9468, 55.8407, 50.5836



11.8400, 11.8707, 12.2793



16.2735, 8.4800, 0.7791



0.9213, 0.4970, 0.0474

Inverse Universe

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



52.6545, 59.2975, 68.9923



80.3996, 91.7631, 108.0823



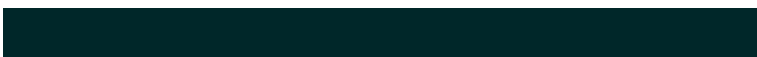
49.1696, 52.3277, 67.8307



12.1231, 13.3364, 15.1789



20.1343, 28.9152, 41.7125



1.1366, 1.6385, 2.3359

Previews

White Background



This preview shows how the XYZ color 50.7524, 49.4525, 49.5182 looks on a white background.

Color Contrast Check

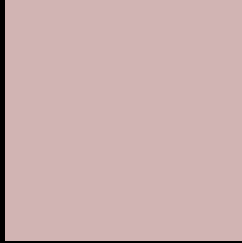
Large Text (above 18pt) WCAG AA × Fail

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 50.7524, 49.4525, 49.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

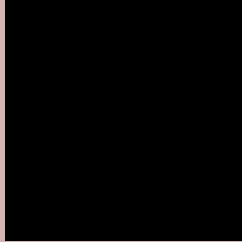
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7524, 49.4525, 49.5182

Background



This preview shows how black text looks on a background with the XYZ color 50.7524, 49.4525, 49.5182.



This preview shows how white text looks on a background with the XYZ color 50.7524, 49.4525,

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

50.7524, 49.4525, 49.5182

Protanopia

47.4883, 49.5716, 51.3213

Deuteranopia

50.4704, 49.3071, 49.5050



Tritanopia

52.2988, 49.4954, 56.6663

Trichromacy



Original Color

50.7524, 49.4525, 49.5182

Protanomaly

48.7697, 49.6229, 50.7238

Deuteranomaly

50.4704, 49.3071, 49.5050

Tritanomaly

51.6681, 49.5297, 53.8507

Monochromacy



Original Color

50.7524, 49.4525, 49.5182

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0808, 50.3564, 53.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7524, 49.4525, 49.5182 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, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(209, 180, 179)  
}
```

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, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 50.7524, 49.4525, 49.5182 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, 180, 179) }
```


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

```
.border{ border-color:rgb(209, 180, 179) }
```

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

Here you see how a box with a 4 pixel rgb(209, 180, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(209, 180,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7524, 49.4525, 49.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 179) }
```

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

```
.background{ background-color: rgb(209,  
180, 179) }
```

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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