

Converting Colors

XYZ(52.9387, 49.2440, 49.7416)

Have a look what the booklet for
XYZ(52.9387, 49.2440, 49.7416)
contains.

| | |
|--|----|
| XYZ(52.9770, 49.4060, 49.9241) | 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(52.9770, 49.4060,
49.9241)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBB0B4 |
| RGB | 219, 176, 180 |
| RGB Percent | 86%, 69%, 71% |
| CMY | 0.1412, 0.3098, 0.2941 |
| CMYK | 0.00, 0.20, 0.18, 0.14 |
| HSL | 354°, 37%, 77% |
| HSV | 354°, 20%, 86% |
| XYZ | 52.9770, 49.4060, 49.9241 |
| YIQ | 189.3130, 24.3440, 10.3600 |

Conversions

Conversions Part 2

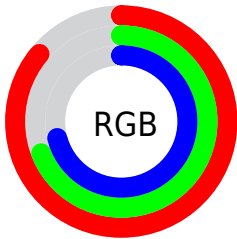
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 219, 176, 180 |
| Decimal | 14397620 |
| CIE _{Lab} | 75.70, 16.21, 3.89 |
| CIE _{LCh} | 76, 16.671, 13.483 |
| Yxy | 49.4060, 0.3478, 0.3244 |
| Android (android.graphics.Color) | 4292587700 (0xFFDDBB0B4) |
| YUV | 189.3130, -4.5913, 26.0355 |
| Hunter-Lab | 70.2894, 11.5287, 7.0910 |

Details

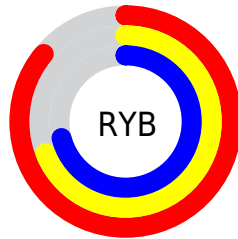
The XYZ color **52.9770, 49.4060, 49.9241** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5038, 64.8007, 73.8757**, and the grayscale version is **48.5658, 51.0950, 55.6424**.

A 20% lighter version of the original color is **85.2369, 85.0294, 91.2767**, and **26.0180, 23.4848, 23.2404** is the 20% darker color. If you saturate the color by 10%, you get **47.1437, 40.7490, 38.7009**, and if you desaturate by 10%, it is **59.7958, 59.5689, 62.9078**.

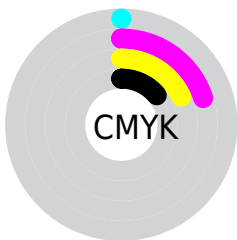
Distribution



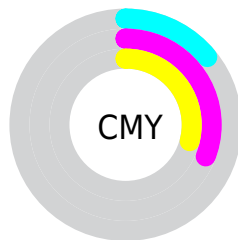
- Red (86%)
- Green (69%)
- Blue (71%)



- Red (86%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9770, 49.4060, 49.9241 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 52.9770, 49.4060, 49.9241 by changing the saturation by 10% instead.


 52.9770, 49.4060,
49.9241

 52.9770, 49.4060,
49.9241


388.4592,
384.3385, 403.0956

 38.0118, 34.9417,
34.9823

 93.7363, 89.2942,
91.4576

 26.1691, 23.6179,
23.3658


120.2610,
115.4868, 118.8863

 17.0835, 15.0504,
14.6560


151.3697,
146.3576, 151.3145

 10.3897, 8.8548,
8.4344

187.4277,
182.2910, 189.1607

 5.7224, 4.6466,
4.2824

228.8002,
223.6714, 232.8433

 2.7161, 2.0414,
1.7815

275.8528,

 1.0054, 0.6314,

270.8831, 282.7810

0.4157

328.9506,
324.3107, 339.3922

■ 0.0000, 0.0000,
0.0000

■ 52.9770, 49.4060,
49.9241

■ 52.9770, 49.4060,
49.9241

■ 47.1437, 40.7490,
38.7009

■ 59.7958, 59.5689,
62.9078

■ 42.2465, 33.5199,
29.1595

■ 67.6384, 71.2975,
77.7201

■ 38.2375, 27.6440,
21.2196

■ 76.5463, 84.6565,
94.4291

■ 35.0633, 23.0369,
14.7932

■ 83.0237, 93.8002,
108.3372

■ 32.6647, 19.6051,
9.7839

■ 30.9743, 17.2419,
6.0840

■ 29.9136, 15.8211,
3.5702

■ 29.3585, 15.1321,
2.0870

■ 29.3431, 15.1120,
2.0488

Harmonies

Analogous

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



52.8888, 49.4060, 58.7791



52.9770, 49.4060, 49.9241



51.4033, 49.4060, 42.9143

Triad

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



52.9770, 49.4060, 49.9241



42.9878, 49.4060, 42.3685



45.2899, 49.4060, 71.8136

Complementary

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



52.9770, 49.4060, 49.9241



55.5038, 64.8007, 73.8757

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.



42.7784, 49.4060, 66.3744



52.9770, 49.4060, 49.9241



41.4897, 49.4060, 49.1005

Square

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



52.9770, 49.4060, 49.9241



45.5872, 49.4060, 38.8860



41.4148, 49.4060, 57.8604



48.3579, 49.4060, 72.0968

Rectangle

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



52.9770, 49.4060, 49.9241



49.6619, 49.4060, 39.9599



41.4148, 49.4060, 57.8604



44.3558, 49.4060, 70.5027

Sweetspot

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



52.9784, 49.4082, 49.9251



88.2073, 89.7619, 95.9914



56.2493, 50.5691, 73.8146



18.7275, 18.9849, 20.2578



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.



52.9784, 49.4082, 49.9251



70.8529, 63.9008, 62.9301



56.1656, 56.4249, 49.0078



13.1049, 13.0711, 13.8139



17.4166, 8.9677, 1.3077



1.1456, 0.5879, 0.1756

Inverse Universe

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



52.9784, 49.4082, 49.9251



70.8529, 63.9008, 62.9301



51.7662, 56.4937, 75.1944



13.1049, 13.0711, 13.8139



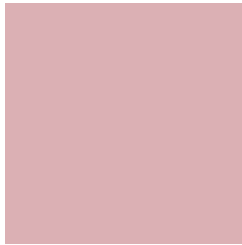
17.4166, 8.9677, 1.3077



1.1456, 0.5879, 0.1756

Previews

White Background



This preview shows how the XYZ color 52.9770, 49.4060, 49.9241 looks on a white background.

Color Contrast Check

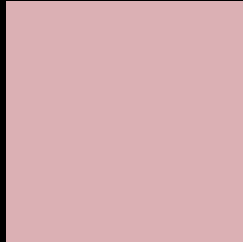
Large Text (above 18pt) WCAG AA × Fail

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 52.9770, 49.4060, 49.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

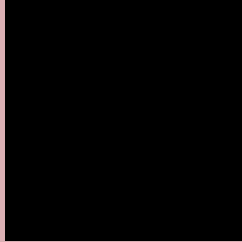
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9770, 49.4060, 49.9241

Background



This preview shows how black text looks on a background with the XYZ color 52.9770, 49.4060, 49.9241.



This preview shows how white text looks on a background with the XYZ color 52.9770, 49.4060,

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

52.9770, 49.4060, 49.9241

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.6730, 49.7123, 49.5725



Tritanopia

53.9223, 49.5064, 54.2906

Trichromacy



Original Color

52.9770, 49.4060, 49.9241

Protanomaly

49.4671, 49.3341, 52.2626

Deuteranomaly

51.4082, 49.4919, 49.4912

Tritanomaly

53.6021, 49.3784, 52.6048

Monochromacy



Original Color

52.9770, 49.4060, 49.9241

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8228, 50.1055, 53.4998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9770, 49.4060, 49.9241 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(219, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(219, 176, 180)  
}
```

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(219, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 176, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.9770, 49.4060, 49.9241 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(219, 176, 180) }
```


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

```
.border{ border-color:rgb(219, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 176, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 176, 180); box-shadow:4px 4px 4px 4px rgb(219, 176, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9770, 49.4060, 49.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 176, 180) }
```

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

```
.background{ background-color: rgb(219,  
176, 180) }
```

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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