

Converting Colors

XYZ(52.2649, 46.7548, 50.5259)

Have a look what the booklet for
XYZ(52.2649, 46.7548, 50.5259)
contains.

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Color

**XYZ(52.2649, 46.7548,
50.5259)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA8B6
RGB	221, 168, 182
RGB Percent	87%, 66%, 71%
CMY	0.1333, 0.3412, 0.2863
CMYK	0.00, 0.24, 0.18, 0.13
HSL	344°, 44%, 76%
HSV	344°, 24%, 87%
XYZ	52.2649, 46.7548, 50.5259
YIQ	185.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

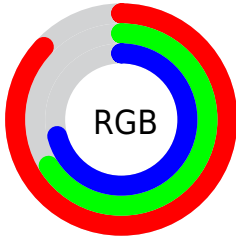
Format	Color
R _Y B	221, 168, 182
Decimal	14526646
CIE Lab	74.03, 21.56, 0.39
CIE LCh	74, 21.564, 1.035
Yxy	46.7548, 0.3495, 0.3126
Android (android.graphics.Color)	4292716726 (0xFFDDA8B6)
YUV	185.4430, -1.6974, 31.1835
Hunter-Lab	68.3775, 16.7774, 4.0533

Details

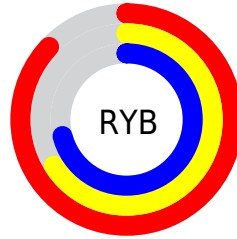
The XYZ color **52.2649, 46.7548, 50.5259** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2693, 64.5439, 68.6852**, and the grayscale version is **46.3605, 48.7748, 53.1158**.

A 20% lighter version of the original color is **83.0603, 80.2084, 91.9929**, and **25.7249, 22.0751, 23.6739** is the 20% darker color. If you saturate the color by 10%, you get **46.9421, 38.6444, 40.9353**, and if you desaturate by 10%, it is **58.4789, 56.3343, 61.3777**.

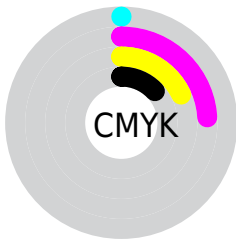
Distribution



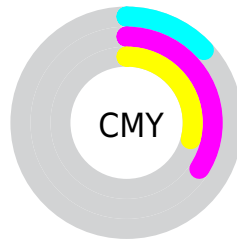
- Red (87%)
- Green (66%)
- Blue (71%)



- Red (87%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2649, 46.7548, 50.5259 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 52.2649, 46.7548, 50.5259 by changing the saturation by 10% instead.


 52.2649, 46.7548,
50.5259


 52.2649, 46.7548,
50.5259


385.7656,
373.8349, 405.5128

 37.4414, 32.8419,
35.4573


 92.6937, 85.3475,
92.3579

 25.7247, 22.0053,
23.7290


 119.0297,
110.7960, 119.9584

 16.7494, 13.8608,
14.9224


149.9339,
140.8586, 152.5733

 10.1502, 8.0239,
8.6189

185.7717,
175.9195, 190.6212

 5.5617, 4.1103,
4.4001

226.9084,
216.3632, 234.5205

 2.6185, 1.7354,
1.8473

273.7094,

 0.9554, 0.4464,

262.5741, 284.6899

0.4589

326.5400,
314.9365, 341.5478

■ 0.0000, 0.0000,
0.0000

■ 52.2649, 46.7548,
50.5259

■ 52.2649, 46.7548,
50.5259

■ 46.9421, 38.6444,
40.9353

■ 58.4789, 56.3343,
61.3777

■ 42.4650, 31.9239,
32.5564

■ 65.6190, 67.4441,
73.5321

■ 38.7896, 26.5164,
25.3404

■ 73.7233, 80.1498,
87.0320

■ 35.8666, 22.3350,
19.2340

■ 82.3760, 93.6111,
101.7675

■ 33.6407, 19.2821,
14.1795

■ 83.6290, 94.1122,
108.3655

■ 32.0487, 17.2450,
10.1135

■ 31.0150, 16.0872,
6.9644

■ 30.5920, 15.6815,
5.4663

Harmonies

Analogous

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



51.2405, 46.7548, 61.8892



52.2649, 46.7548, 50.5259



51.0936, 46.7548, 40.7347

Triad

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



52.2649, 46.7548, 50.5259



40.7282, 46.7548, 34.8071



40.9472, 46.7548, 71.8174

Complementary

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



52.2649, 46.7548, 50.5259



53.2693, 64.5439, 68.6852

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.



38.3889, 46.7548, 62.6480



52.2649, 46.7548, 50.5259



38.2677, 46.7548, 41.3093

Square

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



52.2649, 46.7548, 50.5259



44.3054, 46.7548, 32.5055



37.4362, 46.7548, 51.2921



44.5729, 46.7548, 75.2031

Rectangle

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



52.2649, 46.7548, 50.5259



49.2622, 46.7548, 36.1298



37.4362, 46.7548, 51.2921



39.9414, 46.7548, 69.2498

Sweetspot

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



52.2662, 46.7569, 50.5269



87.5742, 88.3179, 96.3288



52.7503, 46.4742, 74.5972



18.6131, 18.6990, 20.3956



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.



52.2662, 46.7569, 50.5269



68.2673, 58.5254, 62.6980



53.2836, 50.9921, 44.0825



13.1965, 13.1077, 14.2962



17.8113, 9.1255, 3.3862



1.1893, 0.6054, 0.4059

Inverse Universe

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



52.2662, 46.7569, 50.5269



68.2673, 58.5254, 62.6980



51.9118, 58.9679, 77.0529



13.1965, 13.1077, 14.2962



17.8113, 9.1255, 3.3862



1.1893, 0.6054, 0.4059

Previews

White Background



This preview shows how the XYZ color 52.2649, 46.7548, 50.5259 looks on a white background.

Color Contrast Check

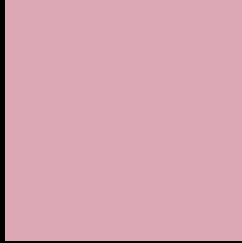
Large Text (above 18pt) WCAG AA × Fail

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 52.2649, 46.7548, 50.5259 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 52.2649, 46.7548, 50.5259

Background



This preview shows how black text looks on a background with the XYZ color 52.2649, 46.7548, 50.5259.



This preview shows how white text looks on a background with the XYZ color 52.2649, 46.7548,

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

52.2649, 46.7548, 50.5259

Protanopia

45.3466, 46.8327, 55.3648

Deuteranopia

47.5830, 46.6253, 49.6717



Tritanopia

52.1619, 46.7136, 49.9835

Trichromacy



Original Color

52.2649, 46.7548, 50.5259

Protanomaly

47.5209, 46.5088, 53.4862

Deuteranomaly

49.2965, 46.6332, 50.1190

Tritanomaly

52.1619, 46.7136, 49.9835

Monochromacy



Original Color

52.2649, 46.7548, 50.5259

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.0605, 47.7067, 52.0226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2649, 46.7548, 50.5259 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(221, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 168, 182)  
}
```

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(221, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 168, 182) }
```

Border

The CSS property to change the border of an element to XYZ 52.2649, 46.7548, 50.5259 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(221, 168, 182) }
```


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

```
.border{ border-color:rgb(221, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 168, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 168, 182); box-shadow:4px 4px 4px 4px rgb(221, 168, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2649, 46.7548, 50.5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 168, 182) }
```

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

```
.background{ background-color: rgb(221,  
168, 182) }
```

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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