

Converting Colors

XYZ(52.0551, 47.2443, 47.3000)

Have a look what the booklet for
XYZ(52.0551, 47.2443, 47.3000)
contains.

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Color

**XYZ(52.0300, 47.2562,
47.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAAB0
RGB	221, 170, 176
RGB Percent	87%, 67%, 69%
CMY	0.1333, 0.3333, 0.3098
CMYK	0.00, 0.23, 0.20, 0.13
HSL	353°, 43%, 77%
HSV	353°, 23%, 87%
XYZ	52.0300, 47.2562, 47.4534
YIQ	185.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

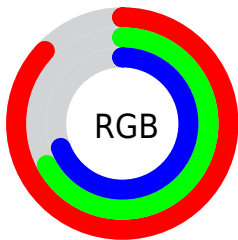
Format	Color
R _Y B	221, 170, 176
Decimal	14527152
CIE Lab	74.35, 19.56, 4.15
CIE LCh	74, 19.998, 11.968
Yxy	47.2562, 0.3546, 0.3220
Android (android.graphics.Color)	4292717232 (0xFFDDAAB0)
YUV	185.9330, -4.8970, 30.7538
Hunter-Lab	68.7431, 14.8018, 7.1923

Details

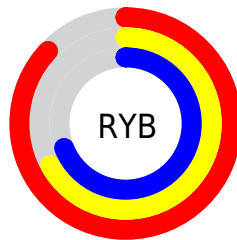
The XYZ color **52.0300, 47.2562, 47.4534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7017, 65.1664, 73.9885**, and the grayscale version is **46.6511, 49.0806, 53.4488**.

A 20% lighter version of the original color is **82.7307, 80.9366, 87.6059**, and **25.6336, 22.4114, 22.0436** is the 20% darker color. If you saturate the color by 10%, you get **46.4372, 38.9396, 36.7434**, and if you desaturate by 10%, it is **58.5991, 57.0808, 59.8576**.

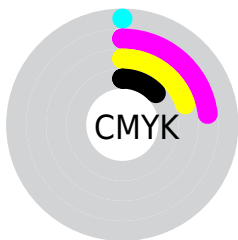
Distribution



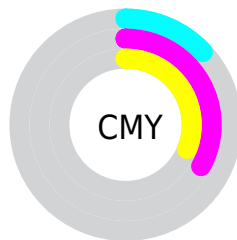
- Red (87%)
- Green (67%)
- Blue (69%)



- Red (87%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0300, 47.2562, 47.4534 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 52.0300, 47.2562, 47.4534 by changing the saturation by 10% instead.


 52.0300, 47.2562,
47.4534

 52.0300, 47.2562,
47.4534


384.8745,
375.8362, 393.0675

 37.2534, 33.2382,
33.0373


 92.3494, 86.0959,
87.7471

 25.5783, 22.3090,
21.8837


118.6230,
111.6865, 114.4617

 16.6394, 14.0841,
13.5740


149.4595,
141.9033, 146.1130

 10.0715, 8.1792,
7.6896

185.2243,
177.1309, 183.1194

 5.5090, 4.2098,
3.8121

226.2829,
217.7536, 225.8996

 2.5867, 1.7916,
1.5228

273.0006,

 0.9392, 0.4819,

264.1558, 274.8719

0.2348

325.7426,
316.7219, 330.4550

■ 0.0000, 0.0000,
0.0000

■ 52.0300, 47.2562,
47.4534

■ 52.0300, 47.2562,
47.4534

■ 46.4372, 38.9396,
36.7434

■ 58.5991, 57.0808,
59.8576

■ 41.7702, 32.0503,
27.6510

■ 66.1839, 68.4760,
74.0219

■ 37.9798, 26.5097,
20.0982

■ 74.8266, 81.5089,
90.0127

■ 35.0109, 22.2292,
13.9994

■ 83.4696, 94.0485,
107.5263

■ 32.8019, 19.1095,
9.2604

■ 83.6290, 94.1122,
108.3655

■ 31.2824, 17.0364,
5.7761

■ 30.3685, 15.8723,
3.4254

■ 30.0052, 15.4468,
2.3764

Harmonies

Analogous

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



51.8213, 47.2562, 57.8350



52.0300, 47.2562, 47.4534



50.2590, 47.2562, 39.3079

Triad

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



52.0300, 47.2562, 47.4534



40.4458, 47.2562, 38.0820



42.8076, 47.2562, 72.6900

Complementary

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



52.0300, 47.2562, 47.4534



54.7017, 65.1664, 73.9885

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.



39.9650, 47.2562, 65.8750



52.0300, 47.2562, 47.4534



38.6524, 47.2562, 45.5605

Square

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



52.0300, 47.2562, 47.4534



43.4961, 47.2562, 34.4014



38.4812, 47.2562, 55.6733



46.3657, 47.2562, 73.3753

Rectangle

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



52.0300, 47.2562, 47.4534



48.2465, 47.2562, 35.8700



38.4812, 47.2562, 55.6733



41.7417, 47.2562, 71.0018

Sweetspot

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



52.0313, 47.2584, 47.4544



87.1844, 88.1620, 94.2760



55.2173, 48.2984, 74.8193



18.5231, 18.6630, 19.9216



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.



52.0313, 47.2584, 47.4544



67.8114, 59.1806, 57.7152



55.2091, 54.5425, 45.6508



13.1180, 13.0763, 13.8826



17.4519, 8.9818, 1.4939



1.1518, 0.5903, 0.2082

Inverse Universe

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



52.0313, 47.2584, 47.4544



67.8114, 59.1806, 57.7152



50.8215, 56.1502, 76.5665



13.1180, 13.0763, 13.8826



17.4519, 8.9818, 1.4939



1.1518, 0.5903, 0.2082

Previews

White Background



This preview shows how the XYZ color 52.0300, 47.2562, 47.4534 looks on a white background.

Color Contrast Check

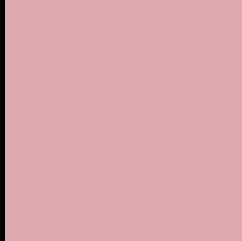
Large Text (above 18pt) WCAG AA × Fail

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 52.0300, 47.2562, 47.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

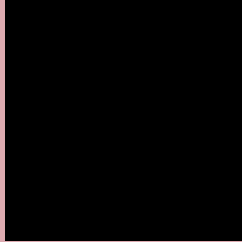
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0300, 47.2562, 47.4534

Background



This preview shows how black text looks on a background with the XYZ color 52.0300, 47.2562, 47.4534.



This preview shows how white text looks on a background with the XYZ color 52.0300, 47.2562,

47.4534.

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

52.0300, 47.2562, 47.4534

Protanopia

45.5249, 47.3139, 51.5328

Deuteranopia

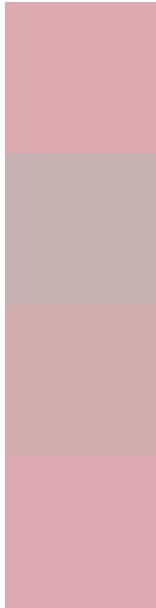
48.3618, 47.3768, 47.1531



Tritanopia

52.7557, 47.2829, 50.6020

Trichromacy



Original Color

52.0300, 47.2562, 47.4534

Protanomaly

47.7118, 47.2782, 49.7909

Deuteranomaly

49.4523, 47.0689, 47.0362

Tritanomaly

52.5504, 47.2008, 49.5210

Monochromacy



Original Color

52.0300, 47.2562, 47.4534

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.3179, 48.1620, 51.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0300, 47.2562, 47.4534 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, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 176)  
}
```

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, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.0300, 47.2562, 47.4534 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, 170, 176) }
```


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

```
.border{ border-color:rgb(221, 170, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0300, 47.2562, 47.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 170, 176) }
```

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

```
.background{ background-color: rgb(221,  
170, 176) }
```

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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