

Converting Colors

XYZ(52.7404, 50.2772, 45.4788)

Have a look what the booklet for
XYZ(52.7404, 50.2772, 45.4788)
contains.

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Color

**XYZ(52.6842, 50.2405,
45.4487)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB3AB
RGB	219, 179, 171
RGB Percent	86%, 70%, 67%
CMY	0.1412, 0.2980, 0.3294
CMYK	0.00, 0.18, 0.22, 0.14
HSL	10°, 40%, 76%
HSV	10°, 22%, 86%
XYZ	52.6842, 50.2405, 45.4487
YIQ	190.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

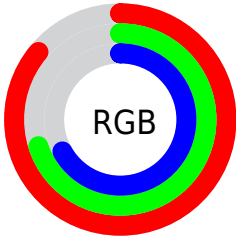
Format	Color
R _Y B	219, 181, 171
Decimal	14398379
CIE Lab	76.22, 13.24, 9.53
CIE LCh	76, 16.310, 35.735
Yxy	50.2405, 0.3551, 0.3386
Android (android.graphics.Color)	4292588459 (0xFFDDBB3AB)
YUV	190.0480, -9.3907, 25.3909
Hunter-Lab	70.8805, 8.6348, 11.5995

Details

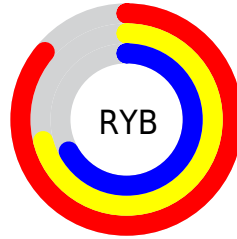
The XYZ color **52.6842, 50.2405, 45.4487** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8746, 60.3594, 75.8820**, and the grayscale version is **49.0140, 51.5666, 56.1560**.

A 20% lighter version of the original color is **84.6758, 86.1676, 84.1206**, and **25.8949, 24.0401, 20.7282** is the 20% darker color. If you saturate the color by 10%, you get **47.3490, 42.6382, 34.2106**, and if you desaturate by 10%, it is **58.8521, 58.9537, 58.6718**.

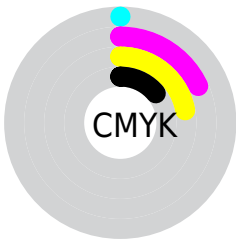
Distribution



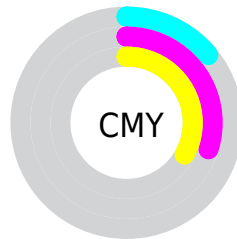
- Red (86%)
- Green (70%)
- Blue (67%)



- Red (86%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6842, 50.2405, 45.4487 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 52.6842, 50.2405, 45.4487 by changing the saturation by 10% instead.


 52.6842, 50.2405,
45.4487

 52.6842, 50.2405,
45.4487


387.3531,
387.6057, 384.8008

 37.7772, 35.6045,
31.4655


 93.3078, 90.5311,
84.7189

 25.9862, 24.1289,
20.6921


119.7551,
116.9545, 110.8430

 16.9460, 15.4293,
12.7101


150.7798,
148.0759, 141.8510

 10.2910, 9.1212,
7.1009

186.7474,
184.2796, 178.1617

 5.6561, 4.8203,
3.4458

228.0231,
225.9501, 220.1934

 2.6758, 2.1422,
1.3266

274.9724,

 0.9847, 0.6882,

273.4716, 268.3649

0.0834

327.9606,
327.2287, 323.0944

■ 0.0000, 0.0000,
0.0000

■ 52.6842, 50.2405,
45.4487

■ 52.6842, 50.2405,
45.4487

■ 47.3490, 42.6382,
34.2106

■ 58.8521, 58.9537,
58.6718

■ 42.8064, 36.0955,
24.8585

■ 65.8822, 68.8130,
73.9662

■ 39.0193, 30.5670,
17.2894

■ 73.8077, 79.8604,
91.4168

■ 35.9458, 26.0015,
11.3893

■ 82.0734, 91.8997,
108.0204

■ 33.5399, 22.3433,
7.0309

■ 83.0236, 93.8002,
108.3372

■ 31.7498, 19.5307,
4.0685

■ 30.5159, 17.4940,
2.3278

■ 29.8603, 16.3535,
1.5827

Harmonies

Analogous

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



53.8428, 50.2405, 53.0383



52.6842, 50.2405, 45.4487



50.2087, 50.2405, 40.7466

Triad

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



52.6842, 50.2405, 45.4487



42.5912, 50.2405, 48.0726



48.3419, 50.2405, 73.2214

Complementary

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



52.6842, 50.2405, 45.4487



52.8746, 60.3594, 75.8820

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.



45.3769, 50.2405, 71.5306



52.6842, 50.2405, 45.4487



42.1389, 50.2405, 56.4029

Square

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



52.6842, 50.2405, 45.4487



44.4007, 50.2405, 42.1446



43.1378, 50.2405, 65.1361



51.2680, 50.2405, 69.5378

Rectangle

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



52.6842, 50.2405, 45.4487



48.1906, 50.2405, 39.5743



43.1378, 50.2405, 65.1361



47.3163, 50.2405, 73.2671

Sweetspot

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



52.6856, 50.2428, 45.4497



87.7453, 89.7779, 92.9399



55.5347, 48.8897, 68.1381



18.6525, 19.0358, 19.6134



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.



52.6856, 50.2428, 45.4497



70.9905, 66.1165, 56.9937



57.9205, 60.7127, 47.1947



13.2306, 13.4006, 13.6148



17.7594, 9.8045, 0.9564



1.2053, 0.7447, 0.0802

Inverse Universe

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



52.8746, 60.3594, 75.8820



71.2959, 82.6684, 106.8066



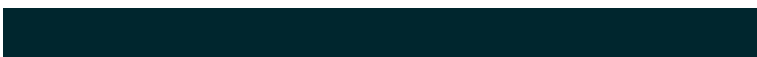
47.3517, 49.3137, 74.0410



13.2504, 14.4406, 16.7411



17.6285, 23.1265, 43.2731



1.1922, 1.5985, 2.8201

Previews

White Background



This preview shows how the XYZ color 52.6842, 50.2405, 45.4487 looks on a white background.

Color Contrast Check

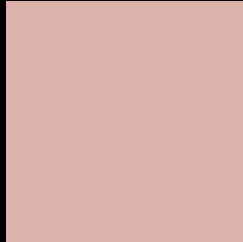
Large Text (above 18pt) WCAG AA × Fail

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 52.6842, 50.2405, 45.4487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

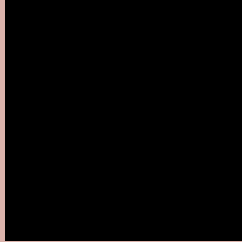
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6842, 50.2405, 45.4487

Background



This preview shows how black text looks on a background with the XYZ color 52.6842, 50.2405, 45.4487.



This preview shows how white text looks on a background with the XYZ color 52.6842, 50.2405,

45.4487.

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

52.6842, 50.2405, 45.4487

Protanopia

48.1125, 50.2773, 48.2430

Deuteranopia

51.3151, 50.1342, 45.5003



Tritanopia

54.6384, 50.1405, 55.5135

Trichromacy



Original Color

52.6842, 50.2405, 45.4487

Protanomaly

49.6823, 50.1743, 47.1105

Deuteranomaly

51.6963, 50.0299, 45.4601

Tritanomaly

53.7846, 50.0788, 51.6312

Monochromacy



Original Color

52.6842, 50.2405, 45.4487

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.1935, 50.9542, 51.9894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6842, 50.2405, 45.4487 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, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(219, 179, 171)  
}
```

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, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 179, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.6842, 50.2405, 45.4487 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, 179, 171) }
```


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

```
.border{ border-color:rgb(219, 179, 171) }
```

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

Here you see how a box with a 4 pixel rgb(219, 179, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(219, 179,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6842, 50.2405, 45.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 179, 171) }
```

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

```
.background{ background-color: rgb(219,  
179, 171) }
```

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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