

Converting Colors

XYZ(50.4932, 47.1798, 42.1221)

Have a look what the booklet for
XYZ(50.4932, 47.1798, 42.1221)
contains.

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Color

**XYZ(50.4575, 47.1271,
42.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	DAACA5
RGB	218, 172, 165
RGB Percent	85%, 67%, 65%
CMY	0.1451, 0.3255, 0.3529
CMYK	0.00, 0.21, 0.24, 0.15
HSL	8°, 42%, 75%
HSV	8°, 24%, 85%
XYZ	50.4575, 47.1271, 42.0343
YIQ	184.9560, 29.6630, 7.5750

Conversions

Conversions Part 2

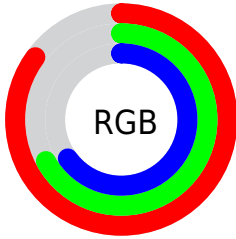
Format	Color
R _Y B	218, 173, 165
Decimal	14331045
CIE Lab	74.27, 15.76, 10.01
CIE LCh	74, 18.667, 32.434
Yxy	47.1271, 0.3614, 0.3375
Android (android.graphics.Color)	4292521125 (0xFFDAACA5)
YUV	184.9560, -9.8383, 28.9796
Hunter-Lab	68.6492, 11.0623, 11.7508

Details

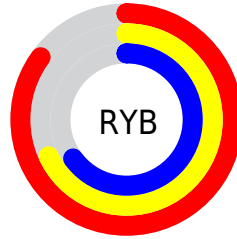
The XYZ color **50.4575, 47.1271, 42.0343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4655, 59.6481, 75.1307**, and the grayscale version is **46.1321, 48.5346, 52.8542**.

A 20% lighter version of the original color is **81.6274, 81.3655, 79.1130**, and **24.5974, 22.3066, 18.6320** is the 20% darker color. If you saturate the color by 10%, you get **45.2921, 39.7055, 31.3433**, and if you desaturate by 10%, it is **56.4763, 55.7135, 54.6794**.

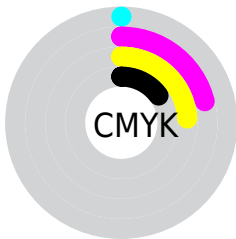
Distribution



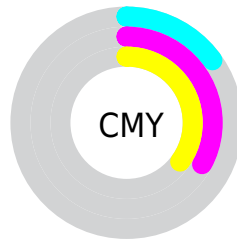
- Red (85%)
- Green (67%)
- Blue (65%)



- Red (85%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (15%)



- Cyan (15%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4575, 47.1271, 42.0343 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 50.4575, 47.1271, 42.0343 by changing the saturation by 10% instead.


 50.4575, 47.1271,
42.0343


 50.4575, 47.1271,
42.0343

378.8748,
375.3216, 370.4290

 35.9963, 33.1361,
28.8024

 90.0401, 85.9033,
79.5222

 24.6015, 22.2308,
18.6871


 115.8923,
111.4574, 104.6152

 15.9075, 14.0266,
11.2699


146.2722,
141.6346, 134.4991

 9.5492, 8.1391,
6.1322

181.5452,
176.8193, 169.5922

 5.1610, 4.1841,
2.8556

222.0766,
217.3960, 210.3133

 2.3778, 1.7771,
1.0214

268.2317,

 0.8340, 0.4728,

263.7490, 257.0807

0.0000

320.3760,
316.2628, 310.3131

■ 0.0000, 0.0000,
0.0000

■ 50.4575, 47.1271,
42.0343

■ 50.4575, 47.1271,
42.0343

■ 45.2921, 39.7055,
31.3433

■ 56.4763, 55.7135,
54.6794

■ 40.9377, 33.3924,
22.5061

■ 63.3808, 65.5051,
69.3663

■ 37.3537, 28.1361,
15.4177

■ 71.2066, 76.5485,
86.1811

■ 34.4946, 23.8787,
9.9614

■ 79.9857, 88.8856,
105.2038

■ 32.3101, 20.5564,
6.0064

■ 82.7236, 93.6455,
108.3231

■ 30.7432, 18.0981,
3.4015

■ 29.7269, 16.4220,
1.9638

■ 29.3483, 15.7750,
1.4980

Harmonies

Analogous

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



51.5477, 47.1271, 50.5334



50.4575, 47.1271, 42.0343



47.8431, 47.1271, 36.6245

Triad

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



50.4575, 47.1271, 42.0343



39.3175, 47.1271, 43.2344



45.0672, 47.1271, 72.0591

Complementary

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



50.4575, 47.1271, 42.0343



51.4655, 59.6481, 75.1307

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.



41.8752, 47.1271, 69.4828



50.4575, 47.1271, 42.0343



38.6556, 47.1271, 52.1014

Square

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



50.4575, 47.1271, 42.0343



41.4235, 47.1271, 37.2542



39.5690, 47.1271, 61.8665



48.3403, 47.1271, 68.5276

Rectangle

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



50.4575, 47.1271, 42.0343



45.6472, 47.1271, 35.1005



39.5690, 47.1271, 61.8665



43.9494, 47.1271, 71.8786

Sweetspot

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



50.4588, 47.1293, 42.0353



87.5637, 89.4147, 92.8794



54.2295, 46.5604, 68.2954



18.6106, 18.9520, 19.5995



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.



50.4588, 47.1293, 42.0353



68.1779, 61.7827, 52.0749



55.8271, 57.8660, 43.8247



13.1941, 13.3275, 13.6026



17.6269, 9.5394, 0.9122



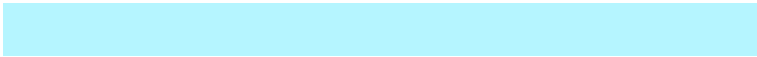
1.1881, 0.7102, 0.0745

Inverse Universe

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



51.4655, 59.6481, 75.1307



69.8389, 82.4920, 106.8494



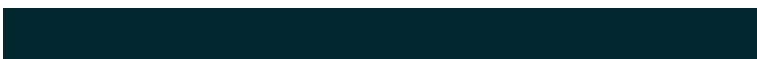
45.5877, 47.8924, 73.1714



13.2905, 14.5207, 16.7544



18.5653, 25.0001, 43.5854



1.2444, 1.7029, 2.8375

Previews

White Background



This preview shows how the XYZ color 50.4575, 47.1271, 42.0343 looks on a white background.

Color Contrast Check

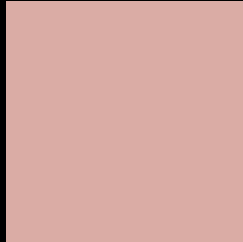
Large Text (above 18pt) WCAG AA × Fail

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 50.4575, 47.1271, 42.0343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

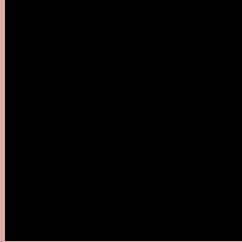
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4575, 47.1271, 42.0343

Background



This preview shows how black text looks on a background with the XYZ color 50.4575, 47.1271, 42.0343.



This preview shows how white text looks on a background with the XYZ color 50.4575, 47.1271,

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

50.4575, 47.1271, 42.0343

Protanopia

44.9699, 47.1770, 44.7661

Deuteranopia

47.9583, 46.9964, 41.6655



Tritanopia

52.1467, 46.9690, 50.5735

Trichromacy



Original Color

50.4575, 47.1271, 42.0343

Protanomaly

46.8077, 46.9473, 43.6405

Deuteranomaly

48.8948, 47.1892, 41.6533

Tritanomaly

51.4246, 46.9441, 47.4250

Monochromacy



Original Color

50.4575, 47.1271, 42.0343

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.3831, 47.7272, 48.8344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4575, 47.1271, 42.0343 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(218, 172, 165) looks like.

```
.text, #text, p{  
    color:rgb(218, 172, 165)  
}
```

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(218, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 50.4575, 47.1271, 42.0343 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(218, 172, 165) }
```


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

```
.border{ border-color:rgb(218, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(218, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4575, 47.1271, 42.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 172, 165) }
```

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

```
.background{ background-color: rgb(218,  
172, 165) }
```

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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