

Converting Colors

XYZ(51.1900, 47.9356, 52.6294)

Have a look what the booklet for
XYZ(51.1900, 47.9356, 52.6294)
contains.

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Color

**XYZ(51.0444, 47.7719,
52.4295)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D4AEB9 |
| RGB | 212, 174, 185 |
| RGB Percent | 83%, 68%, 73% |
| CMY | 0.1686, 0.3176, 0.2745 |
| CMYK | 0.00, 0.18, 0.13, 0.17 |
| HSL | 343°, 31%, 76% |
| HSV | 343°, 18%, 83% |
| XYZ | 51.0444, 47.7719, 52.4295 |
| YIQ | 186.6160, 19.1170, 11.4770 |

Conversions

Conversions Part 2

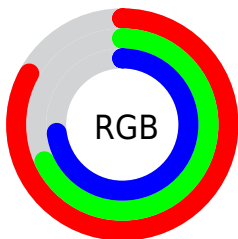
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 212, 174, 185 |
| Decimal | 13938361 |
| CIE Lab | 74.68, 15.55, -0.41 |
| CIE LCh | 75, 15.558, 358.476 |
| Yxy | 47.7719, 0.3375, 0.3159 |
| Android (android.graphics.Color) | 4292128441 (0xFFD4AEB9) |
| YUV | 186.6160, -0.7967, 22.2618 |
| Hunter-Lab | 69.1172, 10.8706, 3.4071 |

Details

The XYZ color **51.0444, 47.7719, 52.4295** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5436, 60.3040, 64.1845**, and the grayscale version is **47.0157, 49.4642, 53.8665**.

A 20% lighter version of the original color is **85.4140, 84.2045, 94.9704**, and **24.9069, 22.5088, 24.8617** is the 20% darker color. If you saturate the color by 10%, you get **45.7607, 39.6157, 43.2335**, and if you desaturate by 10%, it is **57.1458, 57.2926, 62.7306**.

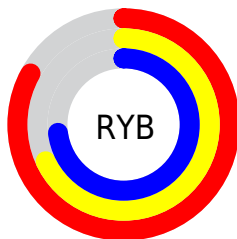
Distribution



Red (83%)

Green (68%)

Blue (73%)



Red (83%)

Yellow (68%)

Blue (73%)

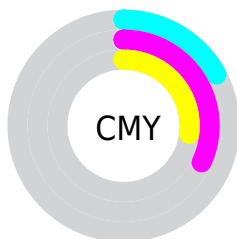


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (17%)



Cyan (17%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0444, 47.7719, 52.4295 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 51.0444, 47.7719, 52.4295 by changing the saturation by 10% instead.

 51.0444, 47.7719,
52.4295

 51.0444, 47.7719,
52.4295


381.1211,
377.8873, 413.0965

 36.4651, 33.6463,
36.9629


 90.9030, 86.8647,
95.1974

 24.9654, 22.6220,
24.8832


116.9130,
112.6007, 123.3358

 16.1799, 14.3146,
15.7719


147.4641,
142.9755, 156.5352

 9.7432, 8.3398,
9.2103

182.9214,
178.3737, 195.2142

 5.2900, 4.3132,
4.7799

223.6504,
219.1796, 239.7912

 2.4549, 1.8502,
2.0622

270.0165,

 0.8726, 0.5182,

265.7775, 290.6850

0.5932

322.3849,
318.5520, 348.3139

0.0000, 0.0000,
0.0000

51.0444, 47.7719,
52.4295

51.0444, 47.7719,
52.4295

45.7607, 39.6157,
43.2335

57.1458, 57.2926,
62.7306

41.2551, 32.7550,
35.1019

64.0940, 68.2298,
74.1695

37.4908, 27.1243,
27.9960

71.9218, 80.6408,
86.7813

34.4263, 22.6501,
21.8733

79.4328, 92.1257,
100.1899

32.0160, 19.2508,
16.6884

80.9617, 92.7372,
108.2407

■ 30.2084, 16.8338,
12.3916

■ 28.9437, 15.2911,
8.9282

■ 28.1387, 14.4685,
6.2326

■ 28.0035, 14.3379,
5.7566

Harmonies

Analogous

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



50.1862, 47.7719, 60.5642



51.0444, 47.7719, 52.4295



50.3405, 47.7719, 44.9574

Triad

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



51.0444, 47.7719, 52.4295



42.8693, 47.7719, 39.5250



42.6294, 47.7719, 66.4067

Complementary

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



51.0444, 47.7719, 52.4295



51.5436, 60.3040, 64.1845

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.



40.8045, 47.7719, 59.7761



51.0444, 47.7719, 52.4295



40.9389, 47.7719, 44.3116

Square

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



51.0444, 47.7719, 52.4295



45.5501, 47.7719, 37.9856



40.1985, 47.7719, 51.6036



45.2617, 47.7719, 69.1336

Rectangle

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



51.0444, 47.7719, 52.4295



49.0959, 47.7719, 41.2344



40.1985, 47.7719, 51.6036



41.9053, 47.7719, 64.5289

Sweetspot

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



51.0457, 47.7740, 52.4305



89.6919, 91.5633, 100.0866



51.0014, 47.3900, 68.7471



19.0423, 19.3541, 21.1652



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.



51.0457, 47.7740, 52.4305



73.9236, 66.9741, 73.4125



51.4391, 50.3474, 47.0538



12.5696, 12.4793, 13.6737



17.3257, 8.8666, 3.7535



1.0807, 0.5491, 0.4146

Inverse Universe

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



51.0457, 47.7740, 52.4305



73.9236, 66.9741, 73.4125



51.0289, 57.1297, 70.6256



12.5696, 12.4793, 13.6737



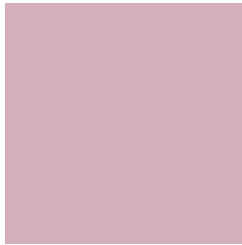
17.3257, 8.8666, 3.7535



1.0807, 0.5491, 0.4146

Previews

White Background



This preview shows how the XYZ color 51.0444, 47.7719, 52.4295 looks on a white background.

Color Contrast Check

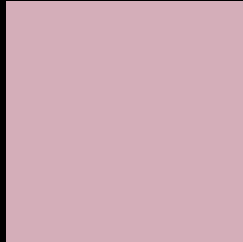
Large Text (above 18pt) WCAG AA × Fail

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 51.0444, 47.7719, 52.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

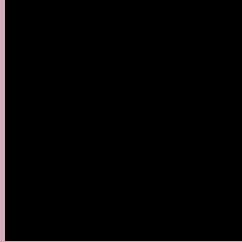
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0444, 47.7719, 52.4295

Background



This preview shows how black text looks on a background with the XYZ color 51.0444, 47.7719, 52.4295.



This preview shows how white text looks on a background with the XYZ color 51.0444, 47.7719,

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

51.0444, 47.7719, 52.4295

Protanopia

46.2353, 47.8990, 55.5238

Deuteranopia

48.6595, 47.7190, 51.9935



Tritanopia

51.2571, 47.8570, 53.5495

Trichromacy



Original Color

51.0444, 47.7719, 52.4295

Protanomaly

47.9040, 47.8755, 54.2930

Deuteranomaly

49.5507, 47.8841, 51.9784

Tritanomaly

51.1504, 47.8143, 52.9875

Monochromacy



Original Color

51.0444, 47.7719, 52.4295

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.3558, 48.7368, 53.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0444, 47.7719, 52.4295 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(212, 174, 185)` looks like.

```
.text, #text, p{  
    color:rgb(212, 174, 185)  
}
```

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(212, 174, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 174, 185) }
```

Border

The CSS property to change the border of an element to XYZ 51.0444, 47.7719, 52.4295 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(212, 174, 185) }
```


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

```
.border{ border-color:rgb(212, 174, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 174, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 174, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 174, 185);  
box-shadow:4px 4px 4px 4px rgb(212, 174,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0444, 47.7719, 52.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 174, 185) }
```

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

```
.background{ background-color: rgb(212,  
174, 185) }
```

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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