

Converting Colors

XYZ(52.6496, 52.1947, 39.1987)

Have a look what the booklet for
XYZ(52.6496, 52.1947, 39.1987)
contains.

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Color

**XYZ(52.6482, 52.1923,
39.1976)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB99D
RGB	219, 185, 157
RGB Percent	86%, 73%, 62%
CMY	0.1412, 0.2745, 0.3843
CMYK	0.00, 0.16, 0.28, 0.14
HSL	27°, 46%, 74%
HSV	27°, 28%, 86%
XYZ	52.6482, 52.1923, 39.1976
YIQ	191.9740, 29.2520, -1.5000

Conversions

Conversions Part 2

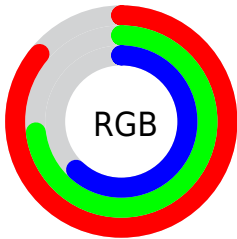
Format	Color
R _Y B	219, 208, 157
Decimal	14399901
CIE Lab	77.40, 8.06, 18.75
CIE LCh	77, 20.412, 66.732
Yxy	52.1923, 0.3655, 0.3624
Android (android.graphics.Color)	4292589981 (0xFFDDBB99D)
YUV	191.9740, -17.2422, 23.7018
Hunter-Lab	72.2442, 3.6550, 18.4020

Details

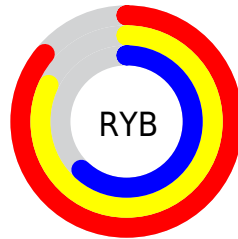
The XYZ color **52.6482, 52.1923, 39.1976** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.3212, 49.5429, 74.1921**, and the grayscale version is **50.1744, 52.7874, 57.4855**.

A 20% lighter version of the original color is **84.5790, 88.9241, 74.9936**, and **25.9570, 25.3297, 17.1567** is the 20% darker color. If you saturate the color by 10%, you get **48.5369, 46.6984, 29.4147**, and if you desaturate by 10%, it is **57.3096, 58.2495, 50.8184**.

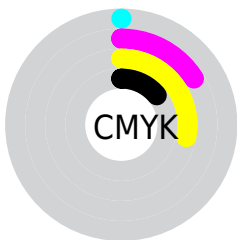
Distribution



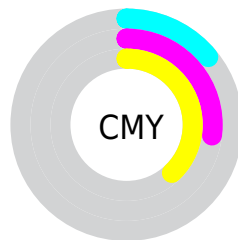
- Red (86%)
- Green (73%)
- Blue (62%)



- Red (86%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6482, 52.1923, 39.1976 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 52.6482, 52.1923, 39.1976 by changing the saturation by 10% instead.

 52.6482, 52.1923,
39.1976


 52.6482, 52.1923,
39.1976


387.2169,
395.1785, 358.1809

 37.7484, 37.1584,
26.6045


 93.2551, 93.4148,
75.1638

 25.9638, 25.3301,
17.0466


 119.6928,
120.3721, 99.3739

 16.9291, 16.3232,
10.1054


150.7072,
152.0727, 128.2934

 10.2789, 9.7531,
5.3624

186.6637,
188.9010, 162.3408

 5.6480, 5.2356,
2.3990

227.9275,
231.2413, 201.9348

 2.6708, 2.3861,
0.7859

274.8641,

 0.9822, 0.8187,

279.4781, 247.4937

0.0000

327.8388,
333.9957, 299.4362

■ 0.0000, 0.0000,
0.0000

■ 52.6482, 52.1923,
39.1976

■ 52.6482, 52.1923,
39.1976

■ 48.5369, 46.6984,
29.4147

■ 57.3096, 58.2495,
50.8184

■ 44.9485, 41.7429,
21.3705

■ 62.5386, 64.8794,
64.3630

■ 41.8593, 37.3095,
14.9611

■ 68.3570, 72.1004,
79.9154

■ 39.2420, 33.3784,
10.0702

■ 74.7839, 79.9278,
97.5539

■ 37.0659, 29.9277,
6.5657

■ 79.9299, 87.6129,
107.3060

■ 35.2958, 26.9335,
4.2925

■ 83.0235, 93.8001,
108.3372

■ 33.8825, 24.3656,
3.0235

■ 33.6677, 23.9684,
2.8519

Harmonies

Analogous

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



55.9039, 52.1923, 44.8588



52.6482, 52.1923, 39.1976



48.7279, 52.1923, 37.9551

Triad

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



52.6482, 52.1923, 39.1976



42.4844, 52.1923, 59.3996



54.2584, 52.1923, 75.9675

Complementary

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



52.6482, 52.1923, 39.1976



45.3212, 49.5429, 74.1921

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.



50.4970, 52.1923, 81.1055



52.6482, 52.1923, 39.1976



43.8021, 52.1923, 70.7579

Square

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



52.6482, 52.1923, 39.1976



42.9930, 52.1923, 48.7119



46.6856, 52.1923, 79.0833



56.8673, 52.1923, 65.8002

Rectangle

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



52.6482, 52.1923, 39.1976



46.2898, 52.1923, 39.6301



46.6856, 52.1923, 79.0833



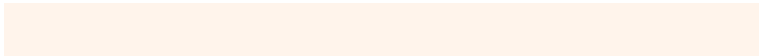
53.0795, 52.1923, 78.3972

Sweetspot

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



52.6496, 52.1947, 39.1987



88.4725, 91.8248, 91.3556



50.6859, 42.9407, 54.9654



18.6850, 19.3383, 18.8922



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.



52.6496, 52.1947, 39.1987



70.7605, 68.9477, 46.7712



59.8298, 66.5552, 41.5921



13.5380, 14.0153, 13.7173



20.0695, 14.4245, 1.7264



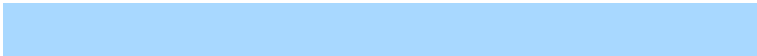
1.3855, 1.1051, 0.1403

Inverse Universe

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



45.3212, 49.5429, 74.1921



58.7770, 64.6071, 103.9803



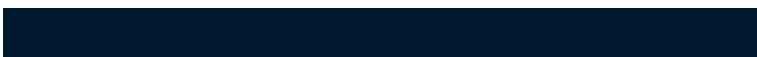
39.2796, 37.4596, 72.1782



12.9275, 13.7947, 16.6334



11.6808, 11.2311, 41.2906



0.8424, 0.8989, 2.7036

Previews

White Background



This preview shows how the XYZ color 52.6482, 52.1923, 39.1976 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 52.6482, 52.1923, 39.1976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

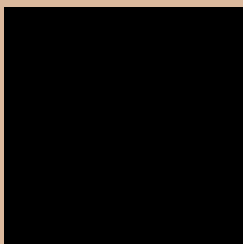
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

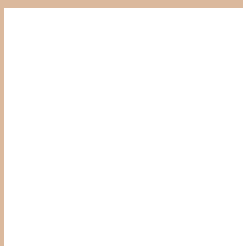
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6482, 52.1923, 39.1976

Background



This preview shows how black text looks on a background with the XYZ color 52.6482, 52.1923, 39.1976.



This preview shows how white text looks on a background with the XYZ color 52.6482, 52.1923,

39.1976.

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

52.6482, 52.1923, 39.1976

Protanopia

49.3331, 52.3562, 40.7633

Deuteranopia

53.3505, 52.2449, 39.1707



Tritanopia

56.4903, 52.2255, 58.1421

Trichromacy



Original Color

52.6482, 52.1923, 39.1976

Protanomaly

50.4680, 52.3083, 40.2374

Deuteranomaly

53.0451, 52.0875, 39.1564

Tritanomaly

55.1926, 52.3217, 50.9062

Monochromacy



Original Color

52.6482, 52.1923, 39.1976

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6914, 52.2064, 50.0529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6482, 52.1923, 39.1976 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, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 157)  
}
```

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, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 157) }
```

Border

The CSS property to change the border of an element to XYZ 52.6482, 52.1923, 39.1976 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, 185, 157) }
```


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

```
.border{ border-color:rgb(219, 185, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 185, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(219, 185,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6482, 52.1923, 39.1976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 157) }
```

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

```
.background{ background-color: rgb(219,  
185, 157) }
```

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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