

Converting Colors

XYZ(42.2277, 47.3405, 25.9966)

Have a look what the booklet for
XYZ(42.2277, 47.3405, 25.9966)
contains.

XYZ(42.1833, 47.3919, 25.9930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.1833, 47.3919,
25.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBA7C
RGB	189, 186, 124
RGB Percent	74%, 73%, 49%
CMY	0.2588, 0.2706, 0.5137
CMYK	0.00, 0.02, 0.34, 0.26
HSL	57°, 33%, 61%
HSV	57°, 34%, 74%
XYZ	42.1833, 47.3919, 25.9930
YIQ	179.8290, 21.6900, -18.6460

Conversions

Conversions Part 2

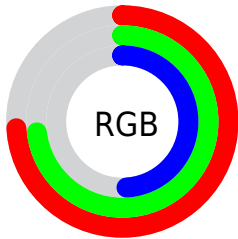
Format	Color
RYB	127, 189, 124
Decimal	12434044
CIELab	74.44, -8.44, 31.86
CIELCh	74, 32.960, 104.829
Yxy	47.3919, 0.3650, 0.4101
Android (android.graphics.Color)	4290624124 (0xFFBDBA7C)
YUV	179.8290, -27.5237, 8.0430
Hunter-Lab	68.8418, -11.0959, 25.8028

Details

The XYZ color **42.1833, 47.3919, 25.9930** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.0868, 23.1373, 51.2880**, and the grayscale version is **43.4265, 45.6881, 49.7543**.

A 20% lighter version of the original color is **77.6940, 86.2714, 54.1521**, and **19.6152, 22.4204, 9.7723** is the 20% darker color. If you saturate the color by 10%, you get **40.9184, 46.5949, 20.2291**, and if you desaturate by 10%, it is **43.6808, 48.2871, 32.9657**.

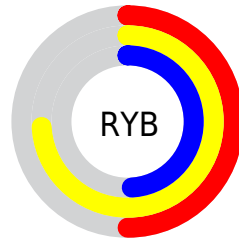
Distribution



Red (74%)

Green (73%)

Blue (49%)



Red (50%)

Yellow (74%)

Blue (49%)

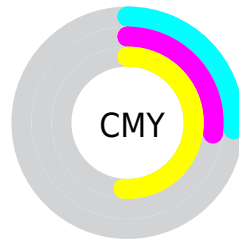


Cyan (0%)

Magenta (2%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (27%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1833, 47.3919, 25.9930 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 42.1833, 47.3919, 25.9930 by changing the saturation by 10% instead.


 42.1833, 47.3919,
25.9930


 42.1833, 47.3919,
25.9930


346.2209,
376.3767, 296.3521


 29.4366, 33.3456,
16.5927


 77.7404, 86.2983,
54.2476

 19.5573, 22.3913,
9.7856


 101.2815,
111.9272, 73.9390

 12.1800, 14.1447,
5.1533


 129.1514,
142.1857, 97.8978

 6.9395, 8.2214,
2.2772

161.7155,
177.4582, 126.5425

 3.4703, 4.2369,
0.7184

199.3392,
218.1292, 160.2918

 1.4071, 1.8070,
0.0000

242.3877,

 0.2612, 0.4915,

264.5830, 199.5641

0.0000

291.2265,
317.2040, 244.7780

■ 0.0000, 0.0000,
0.0000

■ 42.1833, 47.3919,
25.9930

■ 42.1833, 47.3919,
25.9930

■ 40.9184, 46.5949,
20.2291

■ 43.6808, 48.2871,
32.9657

■ 39.8694, 45.8844,
15.6020

■ 45.4195, 49.2788,
41.2080

■ 39.0230, 45.2567,
12.0365


■ 47.4117, 50.3738,
50.7801


■ 38.3631, 44.7054,
9.4470


■ 49.6681, 51.5762,
61.7374

■ 37.8708, 44.2229,
7.7351


■ 52.1985, 52.8900,
74.1322


 37.5235, 43.8002,
6.7812

 55.0123, 54.3191,
88.0142

 37.3664, 43.5789,
6.4422

 57.9083, 55.7827,
102.3228

 58.1002, 56.1666,
102.3868

 58.2933, 56.5528,
102.4511

Harmonies

Analogous

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



48.1014, 47.3919, 26.0251



42.1833, 47.3919, 25.9930



37.4603, 47.3919, 31.6999

Triad

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



42.1833, 47.3919, 25.9930



37.4176, 47.3919, 78.2785



56.9962, 47.3919, 60.6477

Complementary

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



42.1833, 47.3919, 25.9930



25.0868, 23.1373, 51.2880

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.



53.5891, 47.3919, 78.4614



42.1833, 47.3919, 25.9930



42.1201, 47.3919, 90.0639

Square

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



42.1833, 47.3919, 25.9930



34.8778, 47.3919, 60.4373



48.0324, 47.3919, 90.1374



57.0169, 47.3919, 43.6722

Rectangle

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



42.1833, 47.3919, 25.9930



35.4751, 47.3919, 38.8980



48.0324, 47.3919, 90.1374



56.1965, 47.3919, 66.8079

Sweetspot

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



42.1845, 47.3940, 25.9940



82.7992, 89.0649, 80.7598



32.0414, 26.7735, 23.6438



17.6999, 19.0946, 16.8599



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.1845, 47.3940, 25.9940



73.8652, 83.8266, 38.8460



36.2833, 45.2985, 25.9005



10.2836, 11.0431, 10.1662



25.1570, 29.3528, 4.3397



0.9971, 1.1732, 0.1739

Inverse Universe

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



25.0868, 23.1373, 51.2880



38.7846, 34.0616, 90.7566



29.5775, 24.8867, 51.3889



9.0508, 9.2940, 11.9891



6.2592, 2.6302, 32.5707



0.2574, 0.1274, 1.2799

Previews

White Background



This preview shows how the XYZ color 42.1833, 47.3919, 25.9930 looks on a white background.

Color Contrast Check

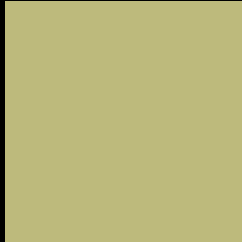
Large Text (above 18pt) WCAG AA × Fail

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 42.1833, 47.3919, 25.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

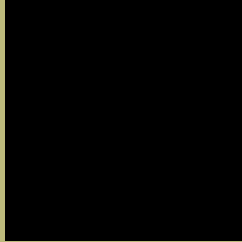
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1833, 47.3919, 25.9930

Background



This preview shows how black text looks on a background with the XYZ color 42.1833, 47.3919, 25.9930.



This preview shows how white text looks on a background with the XYZ color 42.1833, 47.3919,

25.9930.

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

42.1833, 47.3919, 25.9930

Protanopia

43.7973, 47.3028, 25.5609

Deuteranopia

48.0093, 47.0717, 26.2941



Tritanopia

48.3503, 47.4727, 55.9050

Trichromacy



Original Color

42.1833, 47.3919, 25.9930

Protanomaly

43.2213, 47.3131, 25.5932

Deuteranomaly

45.5539, 46.9863, 26.0703

Tritanomaly

45.7471, 47.3071, 43.2793

Monochromacy



Original Color

42.1833, 47.3919, 25.9930

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.6016, 46.0612, 39.9031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1833, 47.3919, 25.9930 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(189, 186, 124)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 124)  
}
```

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(189, 186, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 124) }
```

Border

The CSS property to change the border of an element to XYZ 42.1833, 47.3919, 25.9930 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(189, 186, 124) }
```


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

```
.border{ border-color:rgb(189, 186, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 186, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 124);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1833, 47.3919, 25.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 124) }
```

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

```
.background{ background-color: rgb(189,  
186, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor