

Converting Colors

XYZ(49.2881, 50.4303, 39.5469)

Have a look what the booklet for
XYZ(49.2881, 50.4303, 39.5469)
contains.

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Color

**XYZ(49.2526, 50.4319,
39.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB99E
RGB	207, 185, 158
RGB Percent	81%, 73%, 62%
CMY	0.1882, 0.2745, 0.3804
CMYK	0.00, 0.11, 0.24, 0.19
HSL	33°, 34%, 72%
HSV	33°, 24%, 81%
XYZ	49.2526, 50.4319, 39.4862
YIQ	188.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

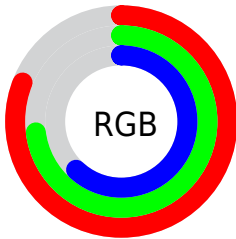
Format	Color
R_{YB}	198, 207, 158
Decimal	13613470
CIE _{Lab}	76.33, 3.62, 16.57
CIE _{LCh}	76, 16.962, 77.690
Yxy	50.4319, 0.3539, 0.3624
Android (android.graphics.Color)	4291803550 (0xFFCFB99E)
YUV	188.5000, -15.0365, 16.2245
Hunter-Lab	71.0154, -0.4787, 16.7442

Details

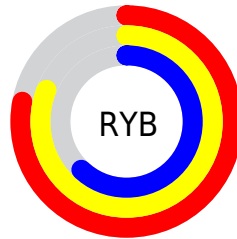
The XYZ color **49.2526, 50.4319, 39.4862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.6840, 44.4155, 65.4077**, and the grayscale version is **48.1598, 50.6678, 55.1772**.

A 20% lighter version of the original color is **84.7055, 88.9747, 75.6602**, and **23.8540, 24.2395, 17.3314** is the 20% darker color. If you saturate the color by 10%, you get **45.7384, 46.0185, 30.2523**, and if you desaturate by 10%, it is **53.1967, 55.2241, 50.3453**.

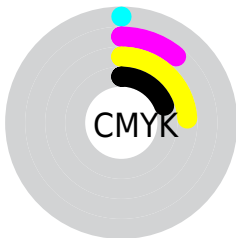
Distribution



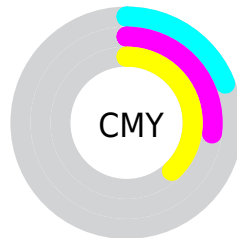
- Red (81%)
- Green (73%)
- Blue (62%)



- Red (78%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2526, 50.4319, 39.4862 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 49.2526, 50.4319, 39.4862 by changing the saturation by 10% instead.


 49.2526, 50.4319,
39.4862


 49.2526, 50.4319,
39.4862


374.2364,
388.3525, 359.4407

 35.0353, 35.7567,
26.8274


 88.2650, 90.8145,
75.6090

 23.8567, 24.2463,
17.2124


 113.7907,
117.2906, 99.9101

 15.3515, 15.5165,
10.2225

143.8166,
148.4692, 128.9291

 9.1544, 9.1826,
5.4392

178.7081,
184.7346, 163.0844

 4.8999, 4.8605,
2.4440

218.8304,
226.4713, 202.7947

 2.2228, 2.1656,
0.8102

264.5490,

 0.7547, 0.7012,

274.0636, 248.4785

0.0000

316.2292,
327.8958, 300.5543

■ 0.0000, 0.0000,
0.0000

■ 49.2526, 50.4319,
39.4862

■ 49.2526, 50.4319,
39.4862

■ 45.7384, 46.0185,
30.2523

■ 53.1967, 55.2241,
50.3453

■ 42.6326, 41.9662,
22.5603

■ 57.5831, 60.3984,
62.9007

■ 39.9178, 38.2657,
16.3247

■ 62.4284, 65.9670,
77.2233

■ 37.5734, 34.9048,
11.4498

■ 67.7471, 71.9392,
93.3788

■ 35.5767, 31.8702,
7.8285

■ 72.4886, 77.8982,
105.8230

■ 33.9017, 29.1469,
5.3375

■ 75.1658, 83.2526,
106.7154

■ 32.5172, 26.7182,
3.8275

■ 77.9833, 88.8876,
107.6546

■ 31.7585, 25.3180,
3.2130

■ 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



52.1791, 50.4319, 42.9275



49.2526, 50.4319, 39.4862



46.0957, 50.4319, 39.8294

Triad

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



49.2526, 50.4319, 39.4862



42.3289, 50.4319, 60.4198



52.6107, 50.4319, 67.5947

Complementary

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



49.2526, 50.4319, 39.4862



41.6840, 44.4155, 65.4077

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.



49.8205, 50.4319, 73.3891



49.2526, 50.4319, 39.4862



43.9257, 50.4319, 68.9416

Square

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



49.2526, 50.4319, 39.4862



42.1920, 50.4319, 51.2539



46.6392, 50.4319, 73.9077



54.1747, 50.4319, 58.7397

Rectangle

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



49.2526, 50.4319, 39.4862



44.2837, 50.4319, 42.1602



46.6392, 50.4319, 73.9077



51.7795, 50.4319, 70.0056

Sweetspot

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



49.2539, 50.4342, 39.4873



89.8049, 93.8969, 93.6264



46.2027, 41.0171, 48.6892



19.1288, 19.9883, 19.7722



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.



49.2539, 50.4342, 39.4873



76.2239, 77.4521, 56.0602



53.5376, 60.0097, 41.1098



12.3411, 12.8728, 12.4463



20.1050, 16.1429, 2.0562



1.2028, 1.0599, 0.1412

Inverse Universe

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



41.6840, 44.4155, 65.4077



62.1880, 66.2941, 104.1261



38.0773, 36.4795, 64.0660



11.5944, 12.2790, 15.0026



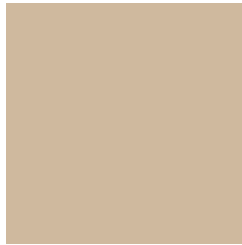
9.6493, 7.9452, 38.2175



0.6182, 0.6016, 2.1631

Previews

White Background



This preview shows how the XYZ color 49.2526, 50.4319, 39.4862 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 49.2526, 50.4319, 39.4862 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 49.2526, 50.4319, 39.4862

Background



This preview shows how black text looks on a background with the XYZ color 49.2526, 50.4319, 39.4862.



This preview shows how white text looks on a background with the XYZ color 49.2526, 50.4319,

39.4862.

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

49.2526, 50.4319, 39.4862

Protanopia

47.5299, 50.4754, 40.0385

Deuteranopia

51.3972, 50.3027, 39.8014



Tritanopia

52.9228, 50.3864, 57.9752

Trichromacy



Original Color

49.2526, 50.4319, 39.4862

Protanomaly

48.1157, 50.4614, 40.0049

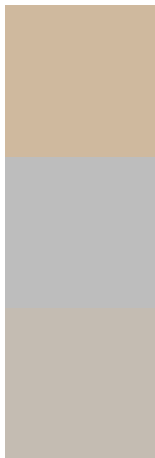
Deuteranomaly

50.4265, 50.1052, 39.8144

Tritanomaly

51.6468, 50.4937, 50.7402

Monochromacy



Original Color

49.2526, 50.4319, 39.4862

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.7841, 50.9166, 49.3762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2526, 50.4319, 39.4862 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(207, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(207, 185, 158)  
}
```

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(207, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 185, 158) }
```

Border

The CSS property to change the border of an element to XYZ 49.2526, 50.4319, 39.4862 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(207, 185, 158) }
```


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

```
.border{ border-color:rgb(207, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(207, 185,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2526, 50.4319, 39.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 185, 158) }
```

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

```
.background{ background-color: rgb(207,  
185, 158) }
```

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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