

Converting Colors

XYZ(49.6190, 48.4901, 39.5452)

Have a look what the booklet for
XYZ(49.6190, 48.4901, 39.5452)
contains.

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Color

**XYZ(49.6190, 48.4901,
39.5452)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D5B29F |
| RGB | 213, 178, 159 |
| RGB Percent | 84%, 70%, 62% |
| CMY | 0.1647, 0.3019, 0.3765 |
| CMYK | 0.00, 0.16, 0.25, 0.16 |
| HSL | 21°, 39%, 73% |
| HSV | 21°, 25%, 84% |
| XYZ | 49.6190, 48.4901, 39.5452 |
| YIQ | 186.2990, 26.9590, 1.5110 |

Conversions

Conversions Part 2

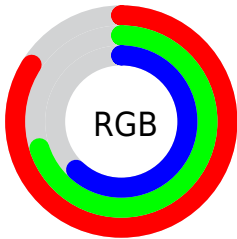
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 213, 188, 159 |
| Decimal | 14004895 |
| CIE Lab | 75.13, 9.78, 14.43 |
| CIE LCh | 75, 17.436, 55.861 |
| Yxy | 48.4901, 0.3605, 0.3523 |
| Android (android.graphics.Color) | 4292194975 (0xFFD5B29F) |
| YUV | 186.2990, -13.4584, 23.4168 |
| Hunter-Lab | 69.6348, 5.3310, 15.0740 |

Details

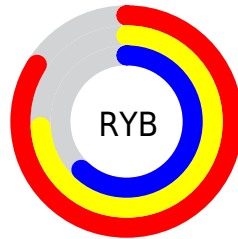
The XYZ color **49.6190, 48.4901, 39.5452** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5997, 50.7573, 70.3449**, and the grayscale version is **46.9034, 49.3460, 53.7378**.

A 20% lighter version of the original color is **82.8004, 84.9607, 75.6533**, and **24.1409, 23.0190, 17.3581** is the 20% darker color. If you saturate the color by 10%, you get **45.3181, 42.5956, 29.7648**, and if you desaturate by 10%, it is **54.5175, 55.0693, 51.0973**.

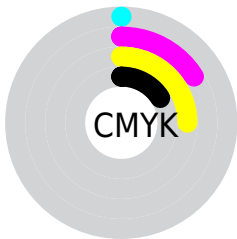
Distribution



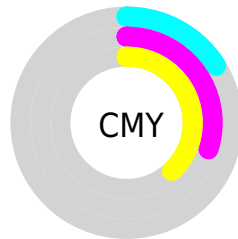
- Red (84%)
- Green (70%)
- Blue (62%)



- Red (84%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6190, 48.4901, 39.5452 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 49.6190, 48.4901, 39.5452 by changing the saturation by 10% instead.


 49.6190, 48.4901,
39.5452


 49.6190, 48.4901,
39.5452


375.6508,
380.7315, 359.6978

 35.3273, 34.2152,
26.8730


 88.8053, 87.9337,
75.7000

 24.0828, 23.0589,
17.2463


 114.4307,
113.8711, 100.0196

 15.5201, 14.6370,
10.2464


144.5646,
144.4648, 129.0589

 9.2739, 8.5651,
5.4549

179.5725,
180.0992, 163.2363

 4.9788, 4.4586,
2.4532

219.8197,
221.1587, 202.9703

 2.2695, 1.9333,
0.8152

265.6716,

 0.7790, 0.5683,

268.0276, 248.6796

0.0000

317.4935,
321.0904, 300.7826

0.0000, 0.0000,
0.0000

49.6190, 48.4901,
39.5452

49.6190, 48.4901,
39.5452

45.3181, 42.5956,
29.7648

54.5175, 55.0693,
51.0973

41.5864, 37.3562,
21.6643

60.0325, 62.3482,
64.5004

38.3988, 32.7502,
15.1482

66.1872, 70.3496,
79.8329

35.7269, 28.7516,
10.1101

73.0020, 79.0932,
97.1674

33.5390, 25.3328,
6.4303

78.7592, 87.9031,
107.4237

■ 31.7993, 22.4633,
3.9701

■ 81.2507, 92.8862,
108.2542

■ 30.4655, 20.1090,
2.5600

■ 29.9541, 19.1731,
2.1220

Harmonies

Analogous

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



51.8344, 48.4901, 45.4959



49.6190, 48.4901, 39.5452



46.5327, 48.4901, 37.1358

Triad

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



49.6190, 48.4901, 39.5452



40.2343, 48.4901, 51.5392



48.8175, 48.4901, 70.2452

Complementary

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



49.6190, 48.4901, 39.5452



45.5997, 50.7573, 70.3449

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.



45.6469, 48.4901, 72.3396



49.6190, 48.4901, 39.5452



40.7836, 48.4901, 60.8412

Square

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



49.6190, 48.4901, 39.5452



41.1932, 48.4901, 43.5353



42.7294, 48.4901, 68.7220



51.3568, 48.4901, 63.2882

Rectangle

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



49.6190, 48.4901, 39.5452



44.4313, 48.4901, 37.6310



42.7294, 48.4901, 68.7220



47.7862, 48.4901, 71.5733

Sweetspot

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



49.6203, 48.4923, 39.5462



87.8641, 90.6080, 91.1528



49.5880, 42.8425, 56.7542



18.5323, 19.0327, 18.8413



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.



49.6203, 48.4923, 39.5462



71.2587, 68.3595, 51.8221



55.5064, 60.2646, 41.5083



12.7772, 13.1286, 13.0214



18.3844, 11.8861, 1.3253



1.1855, 0.8701, 0.1055

Inverse Universe

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



45.5997, 50.7573, 70.3449



64.2898, 72.2737, 105.1695



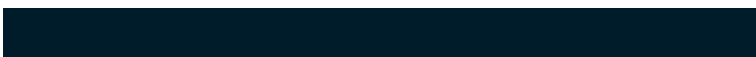
40.1459, 39.8497, 68.5270



12.4073, 13.3381, 15.8581



12.9907, 14.2431, 40.5177



0.8600, 1.0120, 2.4693

Previews

White Background



This preview shows how the XYZ color 49.6190, 48.4901, 39.5452 looks on a white background.

Color Contrast Check

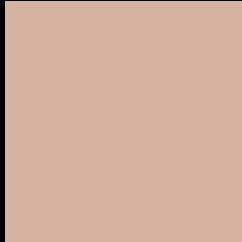
Large Text (above 18pt) WCAG AA × Fail

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 49.6190, 48.4901, 39.5452 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 49.6190, 48.4901, 39.5452

Background



This preview shows how black text looks on a background with the XYZ color 49.6190, 48.4901, 39.5452.



This preview shows how white text looks on a background with the XYZ color 49.6190, 48.4901,

39.5452.

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

49.6190, 48.4901, 39.5452

Protanopia

46.1187, 48.7759, 41.1664

Deuteranopia

49.3298, 48.3410, 39.5317



Tritanopia

52.4246, 48.4589, 53.6041

Trichromacy



Original Color

49.6190, 48.4901, 39.5452

Protanomaly

47.2484, 48.4466, 40.5791

Deuteranomaly

49.3298, 48.3410, 39.5317

Tritanomaly

51.2901, 48.2813, 48.2109

Monochromacy



Original Color

49.6190, 48.4901, 39.5452

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.5349, 48.7373, 47.9762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6190, 48.4901, 39.5452 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(213, 178, 159)` looks like.

```
.text, #text, p{  
    color:rgb(213, 178, 159)  
}
```

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(213, 178, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 178, 159) }
```

Border

The CSS property to change the border of an element to XYZ 49.6190, 48.4901, 39.5452 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(213, 178, 159) }
```


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

```
.border{ border-color:rgb(213, 178, 159) }
```

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

Here you see how a box with a 4 pixel rgb(213, 178, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(213, 178,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6190, 48.4901, 39.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 178, 159) }
```

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

```
.background{ background-color: rgb(213,  
178, 159) }
```

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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