

Converting Colors

XYZ(48.9073, 50.5656, 39.5302)

Have a look what the booklet for
XYZ(48.9073, 50.5656, 39.5302)
contains.

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Color

**XYZ(48.9073, 50.5656,
39.5302)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBA9E
RGB	205, 186, 158
RGB Percent	80%, 73%, 62%
CMY	0.1961, 0.2706, 0.3804
CMYK	0.00, 0.09, 0.23, 0.20
HSL	36°, 32%, 71%
HSV	36°, 23%, 80%
XYZ	48.9073, 50.5656, 39.5302
YIQ	188.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

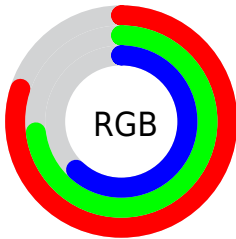
Format	Color
RYB	190, 205, 158
Decimal	13482654
CIELab	76.42, 2.32, 16.66
CIELCh	76, 16.821, 82.058
Yxy	50.5656, 0.3518, 0.3638
Android (android.graphics.Color)	4291672734 (0xFFCDBA9E)
YUV	188.4890, -15.0311, 14.4801
Hunter-Lab	71.1095, -1.6739, 16.8170

Details

The XYZ color **48.9073, 50.5656, 39.5302** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.8418, 43.1200, 63.9282**, and the grayscale version is **48.1541, 50.6619, 55.1708**.

A 20% lighter version of the original color is **85.0024, 89.5684, 75.7591**, and **23.6190, 24.3206, 17.3594** is the 20% darker color. If you saturate the color by 10%, you get **45.5931, 46.5292, 30.4340**, and if you desaturate by 10%, it is **52.6198, 54.9268, 50.2126**.

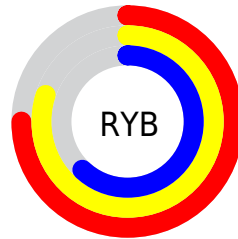
Distribution



Red (80%)

Green (73%)

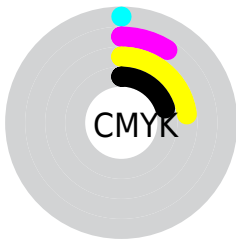
Blue (62%)



Red (75%)

Yellow (80%)

Blue (62%)

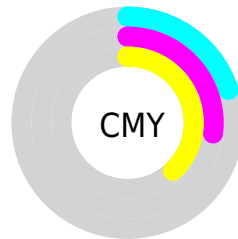


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (20%)



Cyan (20%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9073, 50.5656, 39.5302 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 48.9073, 50.5656, 39.5302 by changing the saturation by 10% instead.


 48.9073, 50.5656,
39.5302


 48.9073, 50.5656,
39.5302


372.9003,
388.8737, 359.6325

 34.7602, 35.8630,
26.8614


 87.7553, 91.0123,
75.6768

 23.6438, 24.3284,
17.2377


 113.1869,
117.5253, 99.9918

 15.1929, 15.5774,
10.2403


143.1107,
148.7438, 129.0259

 9.0421, 9.2256,
5.4509

177.8921,
185.0522, 163.1977

 4.8260, 4.8886,
2.4509

217.8964,
226.8351, 202.9257

 2.1792, 2.1821,
0.8139

263.4889,

 0.7318, 0.7102,

274.4767, 248.6285

0.0000

315.0351,
328.3614, 300.7245

■ 0.0000, 0.0000,
0.0000

■ 48.9073, 50.5656,
39.5302

■ 48.9073, 50.5656,
39.5302

■ 45.5931, 46.5292,
30.4340

■ 52.6198, 54.9268,
50.2126

■ 42.6569, 42.8015,
22.8433

■ 56.7418, 59.6146,
62.5500

■ 40.0824, 39.3749,
16.6753

■ 61.2891, 64.6397,
76.6110

■ 37.8505, 36.2390,
11.8376

■ 66.2751, 70.0101,
92.4596

■ 35.9397, 33.3821,
8.2269

■ 70.8143, 75.3739,
105.4240

■ 34.3259, 30.7916,
5.7244

■ 73.1410, 80.0274,
106.1996

■ 32.9799, 28.4527,
4.1872

■ 75.5784, 84.9021,
107.0121

■ 32.1545, 26.9344,
3.5041

■ 78.1278, 90.0009,
107.8619

■ 78.9869, 91.7192,
108.1483

Harmonies

Analogous

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



51.9028, 50.5656, 42.4190



48.9073, 50.5656, 39.5302



45.8107, 50.5656, 40.4261

Triad

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



48.9073, 50.5656, 39.5302



42.6361, 50.5656, 61.8687



53.0244, 50.5656, 66.4899

Complementary

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



48.9073, 50.5656, 39.5302



40.8418, 43.1200, 63.9282

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.



50.3840, 50.5656, 72.8510



48.9073, 50.5656, 39.5302



44.4138, 50.5656, 69.9855

Square

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



48.9073, 50.5656, 39.5302



42.2796, 50.5656, 52.6829



47.2247, 50.5656, 74.1959



54.3469, 50.5656, 57.5021

Rectangle

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



48.9073, 50.5656, 39.5302



44.0968, 50.5656, 43.0990



47.2247, 50.5656, 74.1959



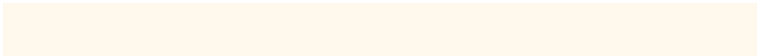
52.2561, 50.5656, 69.0452

Sweetspot

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



48.9086, 50.5679, 39.5313



90.0495, 94.3863, 93.7080



45.3983, 40.6311, 47.3509



19.1855, 20.1017, 19.7911



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.



48.9086, 50.5679, 39.5313



77.0851, 79.1744, 56.3472



52.1130, 58.5606, 40.9051



11.7588, 12.3065, 11.8351



20.1127, 16.9583, 2.2132



1.1108, 1.0214, 0.1386

Inverse Universe

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



40.8418, 43.1200, 63.9282



61.3794, 64.6769, 103.8566



38.1303, 36.5348, 62.8001



10.9677, 11.5759, 14.2267



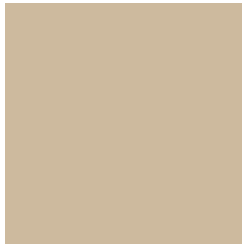
8.8666, 6.7571, 36.7932



0.5313, 0.4963, 1.9227

Previews

White Background



This preview shows how the XYZ color 48.9073, 50.5656, 39.5302 looks on a white background.

Color Contrast Check

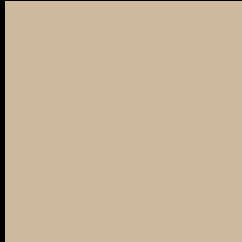
Large Text (above 18pt) WCAG AA × Fail

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 48.9073, 50.5656, 39.5302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

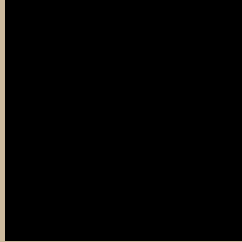
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9073, 50.5656, 39.5302

Background



This preview shows how black text looks on a background with the XYZ color 48.9073, 50.5656, 39.5302.



This preview shows how white text looks on a background with the XYZ color 48.9073, 50.5656,

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

48.9073, 50.5656, 39.5302

Protanopia

47.7944, 50.6118, 40.0509

Deuteranopia

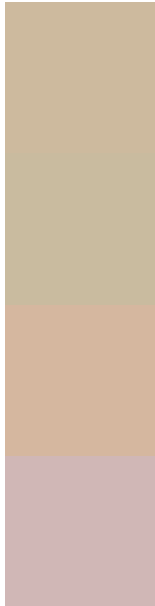
51.3972, 50.3027, 39.8014



Tritanopia

52.9525, 50.6895, 58.6229

Trichromacy



Original Color

48.9073, 50.5656, 39.5302

Protanomaly

48.1157, 50.4614, 40.0049

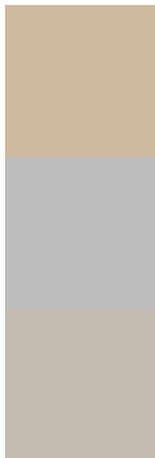
Deuteranomaly

50.6321, 50.5163, 39.8829

Tritanomaly

51.3894, 50.6543, 51.3247

Monochromacy



Original Color

48.9073, 50.5656, 39.5302

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9543, 50.1843, 48.7541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9073, 50.5656, 39.5302 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(205, 186, 158) looks like.

```
.text, #text, p{  
    color:rgb(205, 186, 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(205, 186, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 158) }
```

Border

The CSS property to change the border of an element to XYZ 48.9073, 50.5656, 39.5302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

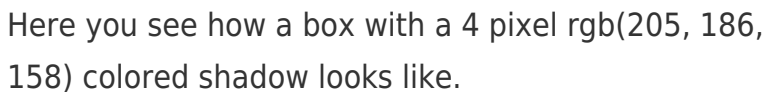
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 186, 158) }
```


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

```
.border{ border-color:rgb(205, 186, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 186, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 186, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 186, 158); box-shadow:4px 4px 4px 4px rgb(205, 186, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9073, 50.5656, 39.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 186, 158) }
```

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

```
.background{ background-color: rgb(205,  
186, 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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