

Converting Colors

XYZ(46.0902, 49.3129, 30.3817)

Have a look what the booklet for
XYZ(46.0902, 49.3129, 30.3817)
contains.

XYZ(46.0902, 49.3129, 30.3817)	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(46.0902, 49.3129,
30.3817)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BA88
RGB	201, 186, 136
RGB Percent	79%, 73%, 53%
CMY	0.2118, 0.2706, 0.4667
CMYK	0.00, 0.07, 0.32, 0.21
HSL	46°, 38%, 66%
HSV	46°, 32%, 79%
XYZ	46.0902, 49.3129, 30.3817
YIQ	184.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

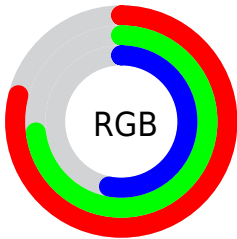
Format	Color
R _Y B	156, 201, 136
Decimal	13220488
CIE Lab	75.65, -2.20, 27.32
CIE LCh	76, 27.407, 94.613
Yxy	49.3129, 0.3664, 0.3920
Android (android.graphics.Color)	4291410568 (0xFFC9BA88)
YUV	184.7850, -24.0510, 14.2206
Hunter-Lab	70.2231, -5.7340, 23.5047

Details

The XYZ color **46.0902, 49.3129, 30.3817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7623, 31.5835, 59.6805**, and the grayscale version is **46.1153, 48.5169, 52.8349**.

A 20% lighter version of the original color is **82.2864, 88.4820, 61.4570**, and **21.9213, 23.5579, 12.1959** is the 20% darker color. If you saturate the color by 10%, you get **43.8329, 46.8739, 23.2304**, and if you desaturate by 10%, it is **48.6496, 51.9270, 38.9565**.

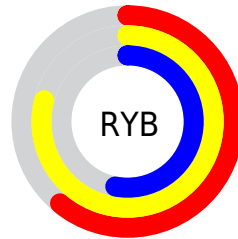
Distribution



Red (79%)

Green (73%)

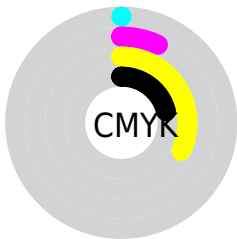
Blue (53%)



Red (61%)

Yellow (79%)

Blue (53%)

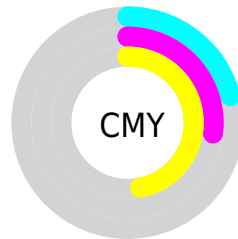


Cyan (0%)

Magenta (7%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0902, 49.3129, 30.3817 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 46.0902, 49.3129, 30.3817 by changing the saturation by 10% instead.

■ 46.0902, 49.3129,
30.3817

■ 46.0902, 49.3129,
30.3817

361.8810,
383.9728, 317.9421

■ 32.5219, 34.8678,
19.8740

■ 83.5810, 89.1560,
61.3334

■ 21.9179, 23.5610,
12.1203

■ 108.2343,
115.3227, 82.6145

■ 13.9129, 15.0083,
6.7021

■ 137.3132,
146.1655, 108.3238

■ 8.1414, 8.8252,
3.2009

171.1832,
182.0686, 138.8798

■ 4.2381, 4.6274,
1.1981

210.2097,
223.4165, 174.7011

■ 1.8377, 2.0303,
0.0000

254.7579,

■ 0.5402, 0.6250,

270.5936, 216.2062

0.0000

305.1932,
323.9842, 263.8137

■ 0.0000, 0.0000,
0.0000

■ 46.0902, 49.3129,
30.3817

■ 46.0902, 49.3129,
30.3817

■ 43.8329, 46.8739,
23.2304

■ 48.6496, 51.9270,
38.9565

■ 41.8587, 44.5966,
17.4204

■ 51.5216, 54.7155,
49.0247

■ 40.1520, 42.4762,
12.8657

■ 54.7204, 57.6865,
60.6554

■ 38.6942, 40.5045,
9.4693

■ 58.2586, 60.8453,
73.9122

■ 37.4636, 38.6725,
7.1195

■ 62.1478, 64.1971,
88.8554

■ 36.4347, 36.9695,
5.6826

■ 66.1402, 67.6431,
104.1782

■ 35.7473, 35.7374,
5.0139

■ 67.3292, 70.0212,
104.5746

■ 68.5520, 72.4667,
104.9821

■ 69.8087, 74.9801,
105.4010

Harmonies

Analogous

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



51.1786, 49.3129, 32.2007



46.0902, 49.3129, 30.3817



41.5444, 49.3129, 33.8253

Triad

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



46.0902, 49.3129, 30.3817



39.2912, 49.3129, 71.1788



56.2480, 49.3129, 66.5847

Complementary

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



46.0902, 49.3129, 30.3817



31.7623, 31.5835, 59.6805

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.



52.6332, 49.3129, 80.1264



46.0902, 49.3129, 30.3817



42.8111, 49.3129, 83.0968

Square

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



46.0902, 49.3129, 30.3817



37.8033, 49.3129, 55.9719



47.6594, 49.3129, 86.6346



57.2825, 49.3129, 51.4775

Rectangle

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



46.0902, 49.3129, 30.3817



39.3584, 49.3129, 39.0845



47.6594, 49.3129, 86.6346



55.2822, 49.3129, 71.5526

Sweetspot

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



46.0915, 49.3152, 30.3827



89.3647, 94.7690, 88.0775



38.4914, 32.2662, 33.5490



18.9668, 20.1327, 18.2740



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.



46.0915, 49.3152, 30.3827



76.0755, 81.3907, 42.9534



45.0182, 53.7002, 31.2857



11.3085, 11.9861, 11.2803



22.5488, 22.6147, 3.1766



1.1198, 1.1750, 0.1678

Inverse Universe

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



31.7623, 31.5835, 59.6805



47.6919, 46.2802, 101.0271



32.5472, 28.6308, 59.0692



10.2519, 10.6780, 13.4382



7.3107, 4.0154, 35.1341



0.4033, 0.3043, 1.6826

Previews

White Background



This preview shows how the XYZ color 46.0902, 49.3129, 30.3817 looks on a white background.

Color Contrast Check

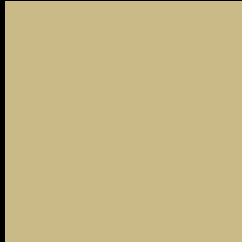
Large Text (above 18pt) WCAG AA × Fail

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 46.0902, 49.3129, 30.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

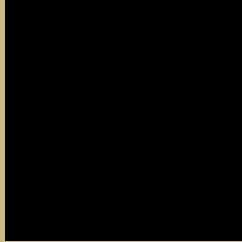
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0902, 49.3129, 30.3817

Background



This preview shows how black text looks on a background with the XYZ color 46.0902, 49.3129, 30.3817.



This preview shows how white text looks on a background with the XYZ color 46.0902, 49.3129,

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

46.0902, 49.3129, 30.3817

Protanopia

45.8223, 49.1747, 30.3691

Deuteranopia

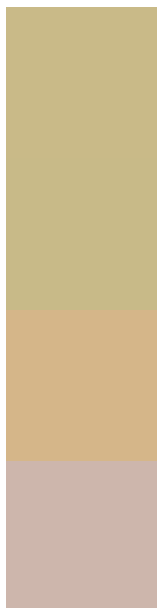
50.2227, 49.2908, 30.9118



Tritanopia

51.7582, 49.5004, 57.2787

Trichromacy



Original Color

46.0902, 49.3129, 30.3817

Protanomaly

45.8223, 49.1747, 30.3691

Deuteranomaly

48.6839, 49.4082, 30.6377

Tritanomaly

49.3512, 49.4136, 45.9664

Monochromacy



Original Color

46.0902, 49.3129, 30.3817

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.8099, 48.5643, 43.5186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0902, 49.3129, 30.3817 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(201, 186, 136)` looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 136)  
}
```

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(201, 186, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 136) }
```

Border

The CSS property to change the border of an element to XYZ 46.0902, 49.3129, 30.3817 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(201, 186, 136) }
```


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

```
.border{ border-color:rgb(201, 186, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 186, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 186, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 186, 136);  
box-shadow:4px 4px 4px 4px rgb(201, 186,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0902, 49.3129, 30.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 136) }
```

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

```
.background{ background-color: rgb(201,  
186, 136) }
```

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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