

Converting Colors

XYZ(46.2466, 50.0234, 30.5106)

Have a look what the booklet for
XYZ(46.2466, 50.0234, 30.5106)
contains.

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Color

**XYZ(46.2466, 50.0234,
30.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BC88
RGB	200, 188, 136
RGB Percent	78%, 74%, 53%
CMY	0.2157, 0.2627, 0.4667
CMYK	0.00, 0.06, 0.32, 0.22
HSL	49°, 37%, 66%
HSV	49°, 32%, 78%
XYZ	46.2466, 50.0234, 30.5106
YIQ	185.6600, 23.8440, -13.6280

Conversions

Conversions Part 2

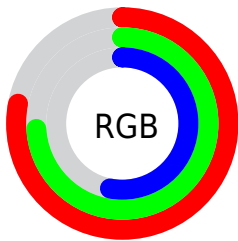
Format	Color
RYB	151, 200, 136
Decimal	13155464
CIELab	76.08, -3.65, 27.89
CIElCh	76, 28.126, 97.453
Yxy	50.0234, 0.3648, 0.3946
Android (android.graphics.Color)	4291345544 (0xFFC8BC88)
YUV	185.6600, -24.4824, 12.5762
Hunter-Lab	70.7272, -7.0564, 23.9323

Details

The XYZ color **46.2466, 50.0234, 30.5106** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.1684, 30.5834, 58.9041**, and the grayscale version is **46.6062, 49.0334, 53.3974**.

A 20% lighter version of the original color is **82.8849, 89.6791, 61.6565**, and **22.0207, 24.0196, 12.2797** is the 20% darker color. If you saturate the color by 10%, you get **44.1658, 47.9281, 23.4468**, and if you desaturate by 10%, it is **48.6160, 52.2710, 38.9803**.

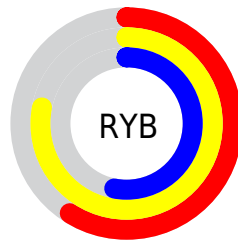
Distribution



Red (78%)

Green (74%)

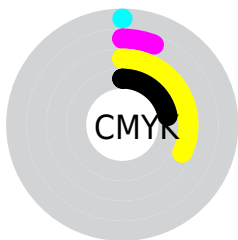
Blue (53%)



Red (59%)

Yellow (78%)

Blue (53%)

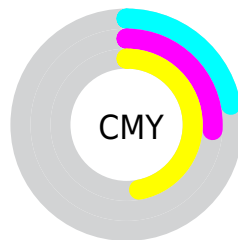


Cyan (0%)

Magenta (6%)

Yellow (32%)

Black (22%)



Cyan (22%)


Magenta (26%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2466, 50.0234, 30.5106 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 46.2466, 50.0234, 30.5106 by changing the saturation by 10% instead.


 46.2466, 50.0234,
30.5106


 46.2466, 50.0234,
30.5106


362.4985,
386.7574, 318.5584


 32.6459, 35.4320,
19.9711


 83.8135, 90.2095,
61.5392

 22.0133, 23.9958,
12.1902


 108.5105,
116.5731, 82.8655

 13.9833, 15.3305,
6.7492


 137.6369,
147.6294, 108.6245

 8.1907, 9.0517,
3.2297

171.5582,
183.7630, 139.2346

 4.2700, 4.7749,
1.2131

210.6396,
225.3582, 175.1146

 1.8560, 2.1158,
0.0000

255.2466,

 0.5511, 0.6735,

272.7994, 216.6828

0.0000

305.7444,
326.4710, 264.3579

■ 0.0000, 0.0000,
0.0000

■ 46.2466, 50.0234,
30.5106

■ 46.2466, 50.0234,
30.5106

■ 44.1658, 47.9281,
23.4468

■ 48.6160, 52.2710,
38.9803

■ 42.3549, 45.9720,
17.7079

■ 51.2840, 54.6697,
48.9246

■ 40.7987, 44.1506,
13.2094


■ 54.2647, 57.2274,
60.4116


■ 39.4790, 42.4563,
9.8557


■ 57.5702, 59.9489,
73.5041


■ 38.3748, 40.8805,
7.5374


■ 61.2119, 62.8392,
88.2613


 37.4610, 39.4129,
6.1233

 65.0388, 65.8381,
103.8879

 36.8307, 38.3018,
5.4518

 65.9781, 67.7166,
104.2009

 66.9392, 69.6388,
104.5213

 67.9223, 71.6050,
104.8490

Harmonies

Analogous

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



51.5277, 50.0234, 31.8675



46.2466, 50.0234, 30.5106



41.6602, 50.0234, 34.5672

Triad

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



46.2466, 50.0234, 30.5106



39.9647, 50.0234, 74.0351



57.5052, 50.0234, 66.3377

Complementary

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



46.2466, 50.0234, 30.5106



31.1684, 30.5834, 58.9041

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.



53.9611, 50.0234, 80.8305



46.2466, 50.0234, 30.5106



43.7744, 50.0234, 85.8151

Square

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



46.2466, 50.0234, 30.5106



38.2111, 50.0234, 58.3090



48.8690, 50.0234, 88.5074



58.2888, 50.0234, 50.7976

Rectangle

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



46.2466, 50.0234, 30.5106



39.5242, 50.0234, 40.3306



48.8690, 50.0234, 88.5074



56.5852, 50.0234, 71.5719

Sweetspot

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



46.2479, 50.0257, 30.5116



89.7070, 95.4535, 88.1916



38.0329, 32.0518, 32.5328



19.0500, 20.2991, 18.3018



0.0000, 0.0000, 0.0000



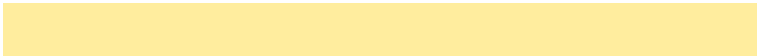
20.3446, 21.4041, 23.3091

Same Dimension

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



46.2479, 50.0257, 30.5116



77.6576, 84.2069, 44.5535



44.1077, 52.8860, 31.1765



11.3484, 12.0659, 11.2936



23.4797, 24.4767, 3.4870



1.1567, 1.2489, 0.1801

Inverse Universe

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



31.1684, 30.5834, 58.9041



47.7469, 45.6526, 100.9030



32.7860, 28.7675, 58.4684



10.2149, 10.6038, 13.4258



7.1081, 3.6101, 35.0665



0.3865, 0.2708, 1.6770

Previews

White Background



This preview shows how the XYZ color 46.2466, 50.0234, 30.5106 looks on a white background.

Color Contrast Check

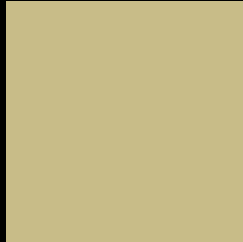
Large Text (above 18pt) WCAG AA × Fail

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 46.2466, 50.0234, 30.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

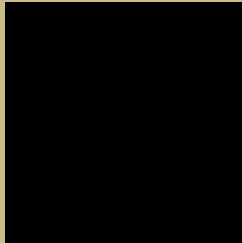
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2466, 50.0234, 30.5106

Background



This preview shows how black text looks on a background with the XYZ color 46.2466, 50.0234, 30.5106.



This preview shows how white text looks on a background with the XYZ color 46.2466, 50.0234,

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

46.2466, 50.0234, 30.5106

Protanopia

46.5714, 49.8748, 30.4648

Deuteranopia

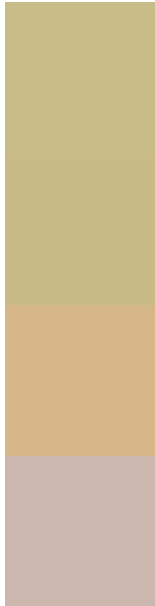
51.0329, 50.0071, 31.0074



Tritanopia

51.9037, 49.8480, 58.5158

Trichromacy



Original Color

46.2466, 50.0234, 30.5106

Protanomaly

46.3017, 49.7357, 30.4521

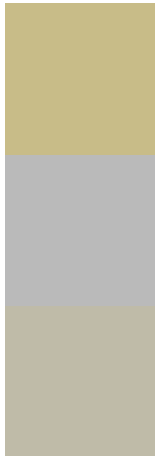
Deuteranomaly

49.1804, 49.9693, 30.7199

Tritanomaly

49.4753, 49.7603, 47.0415

Monochromacy



Original Color

46.2466, 50.0234, 30.5106

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.3241, 49.4442, 44.1479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2466, 50.0234, 30.5106 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(200, 188, 136)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 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(200, 188, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 136) }
```

Border

The CSS property to change the border of an element to XYZ 46.2466, 50.0234, 30.5106 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(200, 188, 136) }
```


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

```
.border{ border-color:rgb(200, 188, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 136);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2466, 50.0234, 30.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 136) }
```

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

```
.background{ background-color: rgb(200,  
188, 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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