

Converting Colors

XYZ(43.4943, 46.7039, 28.7710)

Have a look what the booklet for
XYZ(43.4943, 46.7039, 28.7710)
contains.

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Color

**XYZ(43.4673, 46.7515,
28.9233)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B685
RGB	195, 182, 133
RGB Percent	76%, 71%, 52%
CMY	0.2353, 0.2863, 0.4784
CMYK	0.00, 0.07, 0.32, 0.24
HSL	47°, 34%, 64%
HSV	47°, 32%, 76%
XYZ	43.4673, 46.7515, 28.9233
YIQ	180.3010, 23.4770, -12.4830

Conversions

Conversions Part 2

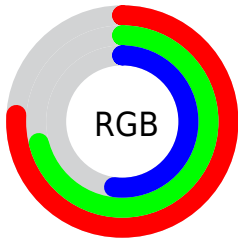
Format	Color
RYB	149, 195, 133
Decimal	12826245
CIELab	74.03, -2.84, 26.66
CIELCh	74, 26.810, 96.082
Yxy	46.7515, 0.3648, 0.3924
Android (android.graphics.Color)	4291016325 (0xFFC3B685)
YUV	180.3010, -23.3194, 12.8910
Hunter-Lab	68.3751, -6.1806, 22.7823

Details

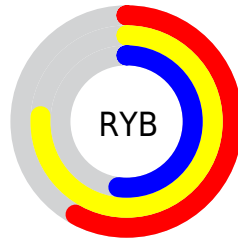
The XYZ color **43.4673, 46.7515, 28.9233** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.8019, 29.4836, 55.7501**, and the grayscale version is **43.6578, 45.9314, 50.0193**.

A 20% lighter version of the original color is **79.5823, 85.3897, 58.7418**, and **20.2268, 21.9005, 11.3448** is the 20% darker color. If you saturate the color by 10%, you get **41.4188, 44.6138, 22.1996**, and if you desaturate by 10%, it is **45.7928, 49.0424, 36.9743**.

Distribution



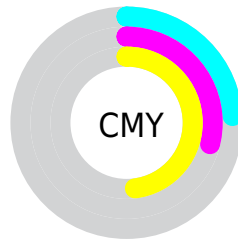
- Red (76%)
- Green (71%)
- Blue (52%)



- Red (58%)
- Yellow (76%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4673, 46.7515, 28.9233 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 43.4673, 46.7515, 28.9233 by changing the saturation by 10% instead.

■ 43.4673, 46.7515,
28.9233

■ 43.4673, 46.7515,
28.9233

351.4191,
373.8217, 310.9025

■ 30.4480, 32.8392,
18.7777

■ 79.6669, 85.3426,
58.9959

■ 20.3287, 22.0033,
11.3346

■ 103.5779,
110.7902, 79.7601

■ 12.7438, 13.8593,
6.1754

■ 131.8503,
140.8517, 104.9008

■ 7.3282, 8.0229,
2.8815

164.8493,
175.9115, 134.8367

■ 3.7163, 4.1096,
1.0344

202.9403,
216.3540, 169.9863

■ 1.5429, 1.7351,
0.0000

246.4887,

■ 0.3548, 0.4462,

262.5637, 210.7681

0.0000

295.8598,
314.9248, 257.6006

■ 0.0000, 0.0000,
0.0000

■ 43.4673, 46.7515,
28.9233

■ 43.4673, 46.7515,
28.9233

■ 41.4188, 44.6138,
22.1996

■ 45.7928, 49.0424,
36.9743

■ 39.6295, 42.6170,
16.7273

■ 48.4047, 51.4855,
46.4172

■ 38.0854, 40.7566,
12.4270

■ 51.3163, 54.0884,
57.3157

■ 36.7691, 39.0255,
9.2094

■ 54.5390, 56.8557,
69.7290

■ 35.6611, 37.4155,
6.9718

■ 58.0835, 59.7921,
83.7127

■ 34.7379, 35.9167,
5.5920

■ 61.9602, 62.9020,
99.3197

■ 34.0824, 34.7554,
4.9121

■ 63.7547, 65.2201,
103.8362

■ 64.7807, 67.2720,
104.1782

■ 65.8326, 69.3759,
104.5289

Harmonies

Analogous

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



48.2755, 46.7515, 30.3998



43.4673, 46.7515, 28.9233



39.2296, 46.7515, 32.4248

Triad

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



43.4673, 46.7515, 28.9233



37.4006, 46.7515, 68.0720



53.3977, 46.7515, 62.3646

Complementary

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



43.4673, 46.7515, 28.9233



29.8019, 29.4836, 55.7501

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.



50.0836, 46.7515, 75.3351



43.4673, 46.7515, 28.9233



40.8055, 46.7515, 79.0226

Square

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



43.4673, 46.7515, 28.9233



35.8927, 46.7515, 53.7503



45.4188, 46.7515, 81.8945



54.2374, 46.7515, 48.1609

Rectangle

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



43.4673, 46.7515, 28.9233



37.2231, 46.7515, 37.5591



45.4188, 46.7515, 81.8945



52.5250, 46.7515, 67.0868

Sweetspot

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



43.4685, 46.7536, 28.9243



87.5108, 92.9555, 86.1514



36.1157, 30.4666, 31.3489



19.0073, 20.2137, 18.2875



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.



43.4685, 46.7536, 28.9243



75.3060, 81.1037, 43.3689



41.9794, 50.1220, 29.6529



10.7284, 11.3883, 10.6946



22.2139, 22.7136, 3.2134



1.0059, 1.0736, 0.1542

Inverse Universe

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



29.8019, 29.4836, 55.7501



47.1015, 45.4736, 98.7645



30.9206, 27.2537, 55.2607



9.6956, 10.0825, 12.7199



6.9649, 3.6863, 33.9011



0.3520, 0.2615, 1.4818

Previews

White Background



This preview shows how the XYZ color 43.4673, 46.7515, 28.9233 looks on a white background.

Color Contrast Check

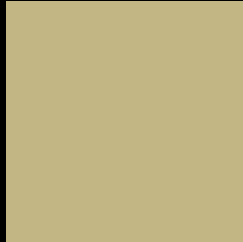
Large Text (above 18pt) WCAG AA × Fail

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 43.4673, 46.7515, 28.9233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

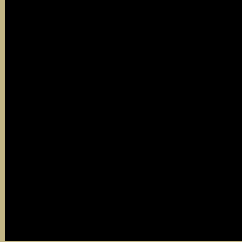
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4673, 46.7515, 28.9233

Background



This preview shows how black text looks on a background with the XYZ color 43.4673, 46.7515, 28.9233.

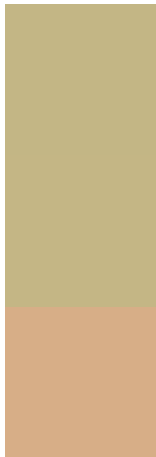


This preview shows how white text looks on a background with the XYZ color 43.4673, 46.7515,

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

43.4673, 46.7515, 28.9233

Protanopia

43.7265, 46.8851, 28.9354

Deuteranopia

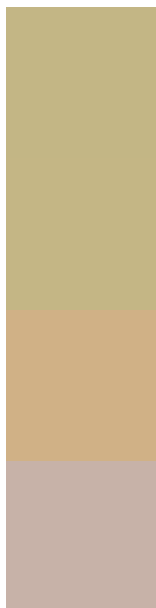
47.5336, 46.4684, 29.3857



Tritanopia

48.4945, 46.7083, 54.0366

Trichromacy



Original Color

43.4673, 46.7515, 28.9233

Protanomaly

43.7265, 46.8851, 28.9354

Deuteranomaly

46.0376, 46.5754, 29.1178

Tritanomaly

46.5415, 46.8101, 43.6280

Monochromacy



Original Color

43.4673, 46.7515, 28.9233

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.1423, 46.0064, 41.2566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4673, 46.7515, 28.9233 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(195, 182, 133)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 133)  
}
```

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(195, 182, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 133) }
```

Border

The CSS property to change the border of an element to XYZ 43.4673, 46.7515, 28.9233 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(195, 182, 133) }
```


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

```
.border{ border-color:rgb(195, 182, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 133);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4673, 46.7515, 28.9233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 133) }
```

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

```
.background{ background-color: rgb(195,  
182, 133) }
```

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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