

Converting Colors

XYZ(46.2185, 48.8058, 32.1896)

Have a look what the booklet for
XYZ(46.2185, 48.8058, 32.1896)
contains.

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Color

**XYZ(46.0356, 48.6216,
32.1579)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B88D
RGB	201, 184, 141
RGB Percent	79%, 72%, 55%
CMY	0.2118, 0.2784, 0.4471
CMYK	0.00, 0.08, 0.30, 0.21
HSL	43°, 36%, 67%
HSV	43°, 30%, 79%
XYZ	46.0356, 48.6216, 32.1579
YIQ	184.1810, 23.9350, -9.7690

Conversions

Conversions Part 2

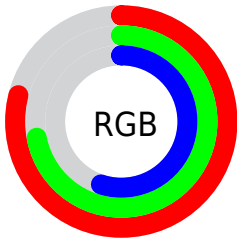
Format	Color
R _Y B	165, 201, 141
Decimal	13219981
CIE Lab	75.22, -0.50, 24.08
CIE LCh	75, 24.083, 91.201
Yxy	48.6216, 0.3630, 0.3834
Android (android.graphics.Color)	4291410061 (0xFFC9B88D)
YUV	184.1810, -21.2882, 14.7503
Hunter-Lab	69.7292, -4.1794, 21.4669

Details

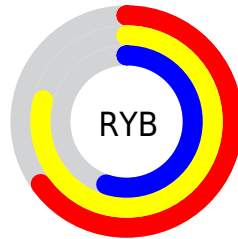
The XYZ color **46.0356, 48.6216, 32.1579** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7537, 34.3325, 60.1062**, and the grayscale version is **45.7658, 48.1492, 52.4344**.

A 20% lighter version of the original color is **82.2504, 87.5203, 64.1878**, and **21.8158, 23.0818, 12.9783** is the 20% darker color. If you saturate the color by 10%, you get **43.5151, 45.7606, 24.5968**, and if you desaturate by 10%, it is **48.8777, 51.6908, 41.1665**.

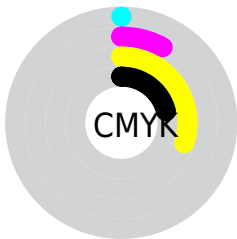
Distribution



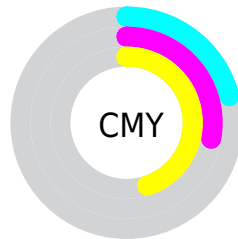
- Red (79%)
- Green (72%)
- Blue (55%)



- Red (65%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (21%)





- Cyan (21%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0356, 48.6216, 32.1579 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 46.0356, 48.6216, 32.1579 by changing the saturation by 10% instead.


 46.0356, 48.6216,
32.1579

 46.0356, 48.6216,
32.1579


361.6653,
381.2507, 326.3528


 32.4787, 34.3194,
21.2163


 83.4998, 88.1292,
64.1593

 21.8847, 23.1391,
13.0894


 108.1378,
114.1034, 86.0562

 13.8883, 14.6962,
7.3587


 137.2002,
144.7370, 112.4420

 8.1242, 8.6065,
3.6056

171.0523,
180.4145, 143.7352

 4.2270, 4.4854,
1.4116

210.0595,
221.5202, 180.3543

 1.8313, 1.9486,
0.1507

254.5872,

 0.5364, 0.5774,

268.4385, 222.7180

0.0000

305.0006,
321.5539, 271.2446

■ 0.0000, 0.0000,
0.0000

■ 46.0356, 48.6216,
32.1579

■ 46.0356, 48.6216,
32.1579

■ 43.5151, 45.7606,
24.5968

■ 48.8777, 51.6908,
41.1665

■ 41.2972, 43.0942,
18.4025

■ 52.0517, 54.9682,
51.6912

■ 39.3664, 40.6171,
13.4911

■ 55.5722, 58.4620,
63.8000

■ 37.7044, 38.3209,
9.7683

■ 59.4515, 62.1781,
77.5557

■ 36.2901, 36.1963,
7.1264

■ 63.7014, 66.1220,
93.0180

■ 35.0989, 34.2326,
5.4384

■ 67.2519, 69.8664,
104.5488

■ 34.0852, 32.4105,
4.4680

■ 68.7553, 72.8732,
105.0499

■ 34.0706, 32.3839,
4.4550

■ 70.3099, 75.9825,
105.5681

■ 71.9163, 79.1953,
106.1036

Harmonies

Analogous

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



50.4262, 48.6216, 34.3600



46.0356, 48.6216, 32.1579



41.9522, 48.6216, 34.7436

Triad

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



46.0356, 48.6216, 32.1579



39.3235, 48.6216, 66.5658



54.0617, 48.6216, 65.5425

Complementary

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



46.0356, 48.6216, 32.1579



33.7537, 34.3325, 60.1062

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.



50.7537, 48.6216, 76.5873



46.0356, 48.6216, 32.1579



42.2419, 48.6216, 77.2413

Square

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



46.0356, 48.6216, 32.1579



38.2324, 48.6216, 53.4521



46.3916, 48.6216, 81.1687



55.2342, 48.6216, 52.4325

Rectangle

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



46.0356, 48.6216, 32.1579



39.9060, 48.6216, 39.1170



46.3916, 48.6216, 81.1687



53.1527, 48.6216, 69.6888

Sweetspot

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



46.0368, 48.6238, 32.1589



89.5337, 94.5313, 89.9086



39.7842, 33.9365, 36.8019



18.9831, 20.0506, 18.6330



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.



46.0368, 48.6238, 32.1589



75.8873, 79.9486, 46.1763



46.4337, 54.3879, 33.2506



11.2602, 11.8896, 11.2642



21.5034, 20.5239, 2.8282



1.0775, 1.0904, 0.1537

Inverse Universe

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



33.7537, 34.3325, 60.1062



51.4365, 51.5102, 101.8392



33.3945, 30.1375, 59.3154



10.2973, 10.7686, 13.4533



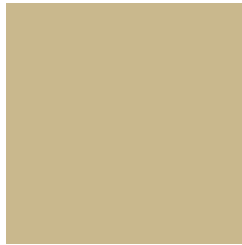
7.6147, 4.6233, 35.2354



0.4236, 0.3451, 1.6894

Previews

White Background



This preview shows how the XYZ color 46.0356, 48.6216, 32.1579 looks on a white background.

Color Contrast Check

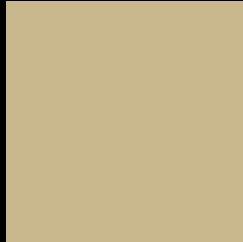
Large Text (above 18pt) WCAG AA × Fail

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 46.0356, 48.6216, 32.1579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

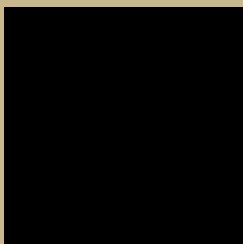
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

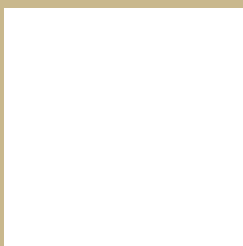
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0356, 48.6216, 32.1579

Background



This preview shows how black text looks on a background with the XYZ color 46.0356, 48.6216, 32.1579.



This preview shows how white text looks on a background with the XYZ color 46.0356, 48.6216,

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

46.0356, 48.6216, 32.1579

Protanopia

45.4454, 48.6268, 32.1900

Deuteranopia

49.4182, 48.5455, 32.3568



Tritanopia

50.8582, 48.4713, 55.9656

Trichromacy



Original Color

46.0356, 48.6216, 32.1579

Protanomaly

45.7099, 48.7631, 32.2024

Deuteranomaly

48.0677, 48.4444, 32.4084

Tritanomaly

49.0409, 48.6388, 46.3387

Monochromacy



Original Color

46.0356, 48.6216, 32.1579

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.4436, 48.0553, 43.9263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0356, 48.6216, 32.1579 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, 184, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 184, 141)  
}
```

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, 184, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 184, 141) }
```

Border

The CSS property to change the border of an element to XYZ 46.0356, 48.6216, 32.1579 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, 184, 141) }
```


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

```
.border{ border-color:rgb(201, 184, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 184, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 184, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 184, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 184,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0356, 48.6216, 32.1579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 184, 141) }
```

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

```
.background{ background-color: rgb(201,  
184, 141) }
```

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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