

Converting Colors

XYZ(44.7381, 46.9934, 33.9068)

Have a look what the booklet for
XYZ(44.7381, 46.9934, 33.9068)
contains.

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Color

**XYZ(44.7381, 46.9934,
33.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B592
RGB	197, 181, 146
RGB Percent	77%, 71%, 57%
CMY	0.2275, 0.2902, 0.4274
CMYK	0.00, 0.08, 0.26, 0.23
HSL	41°, 31%, 67%
HSV	41°, 26%, 77%
XYZ	44.7381, 46.9934, 33.9068
YIQ	181.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

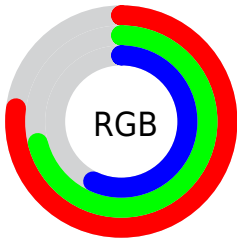
Format	Color
RYB	169, 197, 146
Decimal	12957074
CIELab	74.19, 0.21, 19.93
CIELCh	74, 19.931, 89.398
Yxy	46.9934, 0.3561, 0.3740
Android (android.graphics.Color)	4291147154 (0xFFC5B592)
YUV	181.7940, -17.6464, 13.3357
Hunter-Lab	68.5517, -3.4732, 18.6604

Details

The XYZ color **44.7381, 46.9934, 33.9068** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8521, 35.9818, 57.9317**, and the grayscale version is **44.4374, 46.7516, 50.9125**.

A 20% lighter version of the original color is **81.5826, 85.8093, 66.9066**, and **21.1124, 22.1042, 13.9803** is the 20% darker color. If you saturate the color by 10%, you get **42.1076, 43.9769, 26.1099**, and if you desaturate by 10%, it is **47.6909, 50.2312, 43.1150**.

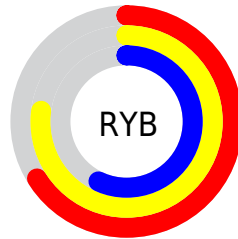
Distribution



Red (77%)

Green (71%)

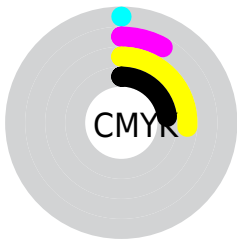
Blue (57%)



Red (66%)

Yellow (77%)

Blue (57%)

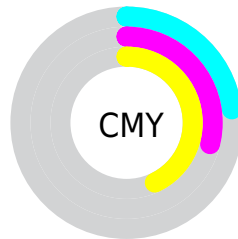


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7381, 46.9934, 33.9068 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 44.7381, 46.9934, 33.9068 by changing the saturation by 10% instead.


 44.7381, 46.9934,
33.9068

 44.7381, 46.9934,
33.9068


356.5134,
374.7882, 334.4727

 31.4516, 33.0304,
22.5452


 81.5668, 85.7038,
66.9209

 21.0965, 22.1498,
14.0559


 105.8396,
111.2200, 89.4106

 13.3074, 13.9670,
8.0204


134.5053,
141.3560, 116.4467

 7.7190, 8.0977,
4.0200

167.9291,
176.4964, 148.4478

 3.9660, 4.1575,
1.6363

206.4765,
217.0253, 185.8324

 1.6829, 1.7621,
0.3166

250.5128,

 0.4455, 0.4634,

263.3274, 229.0191

0.0000

300.4033,
315.7869, 278.4263

■ 0.0000, 0.0000,
0.0000

■ 44.7381, 46.9934,
33.9068

■ 44.7381, 46.9934,
33.9068

■ 42.1076, 43.9769,
26.1099

■ 47.6909, 50.2312,
43.1150

■ 39.7814, 41.1686,
19.6499

■ 50.9756, 53.6904,
53.7981

■ 37.7454, 38.5631,
14.4498

■ 54.6058, 57.3793,
66.0192

■ 35.9824, 36.1526,
10.4236

■ 58.5934, 61.3035,
79.8369

■ 34.4735, 33.9281,
7.4745

■ 62.9495, 65.4686,
95.3067

■ 33.1964, 31.8795,
5.4899

■ 66.1673, 69.2730,
104.4914

■ 32.1237, 29.9947,
4.3291

■ 67.8004, 72.5391,
105.0357

■ 31.7198, 29.2580,
3.9755

■ 69.4938, 75.9259,
105.6002

■ 71.2482, 79.4347,
106.1850

Harmonies

Analogous

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



48.2555, 46.9934, 36.0319



44.7381, 46.9934, 33.9068



41.3776, 46.9934, 35.8684

Triad

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



44.7381, 46.9934, 33.9068



38.9435, 46.9934, 61.4466



50.8441, 46.9934, 61.8524

Complementary

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



44.7381, 46.9934, 33.9068



34.8521, 35.9818, 57.9317

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.



48.1238, 46.9934, 70.2961



44.7381, 46.9934, 33.9068



41.2588, 46.9934, 70.0407

Square

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



44.7381, 46.9934, 33.9068



38.1420, 46.9934, 50.9612



44.5936, 46.9934, 73.4725



51.8940, 46.9934, 51.3750

Rectangle

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



44.7381, 46.9934, 33.9068



39.6500, 46.9934, 39.4009



44.5936, 46.9934, 73.4725



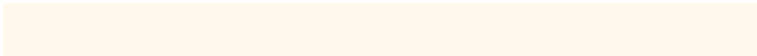
50.0878, 46.9934, 65.0712

Sweetspot

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



44.7393, 46.9955, 33.9078



89.9304, 94.7405, 91.8415



39.8401, 35.0426, 38.9170



19.0525, 20.0731, 19.0147



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.



44.7393, 46.9955, 33.9078



77.4260, 81.1016, 52.6217



45.8077, 52.6549, 34.9439



11.2325, 11.8341, 11.2550



20.9410, 19.3992, 2.6407



1.0542, 1.0439, 0.1459

Inverse Universe

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



34.8521, 35.9818, 57.9317



56.7700, 58.0978, 102.8296



33.9423, 31.5928, 57.1325



10.3236, 10.8213, 13.4621



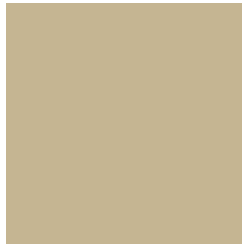
7.8207, 5.0354, 35.3041



0.4358, 0.3694, 1.6935

Previews

White Background



This preview shows how the XYZ color 44.7381, 46.9934, 33.9068 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 44.7381, 46.9934, 33.9068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

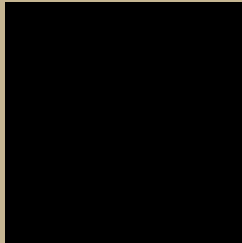
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7381, 46.9934, 33.9068

Background



This preview shows how black text looks on a background with the XYZ color 44.7381, 46.9934, 33.9068.



This preview shows how white text looks on a background with the XYZ color 44.7381, 46.9934,

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

44.7381, 46.9934, 33.9068

Protanopia

44.2425, 47.0318, 34.3500

Deuteranopia

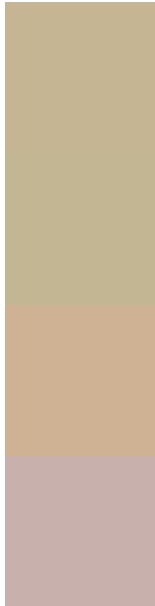
47.7478, 46.7636, 34.1135



Tritanopia

48.8724, 46.8906, 54.6191

Trichromacy



Original Color

44.7381, 46.9934, 33.9068

Protanomaly

44.5001, 47.1646, 34.3620

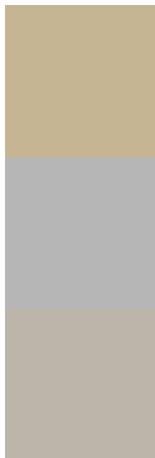
Deuteranomaly

46.7207, 46.8163, 34.1778

Tritanomaly

47.0844, 46.7408, 46.0754

Monochromacy



Original Color

44.7381, 46.9934, 33.9068

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.3829, 46.8853, 44.2466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7381, 46.9934, 33.9068 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(197, 181, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 146)  
}
```

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(197, 181, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 146) }
```

Border

The CSS property to change the border of an element to XYZ 44.7381, 46.9934, 33.9068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

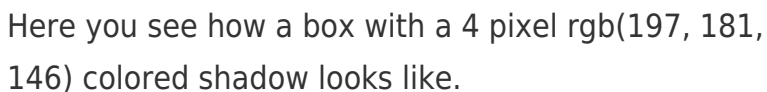
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 181, 146) }
```


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

```
.border{ border-color:rgb(197, 181, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 181, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 181, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 181, 146); box-shadow:4px 4px 4px 4px rgb(197, 181, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7381, 46.9934, 33.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 146) }
```

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

```
.background{ background-color: rgb(197,  
181, 146) }
```

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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