

Converting Colors

XYZ(43.0317, 46.3634, 33.4694)

Have a look what the booklet for
XYZ(43.0317, 46.3634, 33.4694)
contains.

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Color

**XYZ(43.0740, 46.4474,
33.4831)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB691
RGB	190, 182, 145
RGB Percent	75%, 71%, 57%
CMY	0.2549, 0.2863, 0.4314
CMYK	0.00, 0.04, 0.24, 0.25
HSL	49°, 26%, 66%
HSV	49°, 24%, 75%
XYZ	43.0740, 46.4474, 33.4831
YIQ	180.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

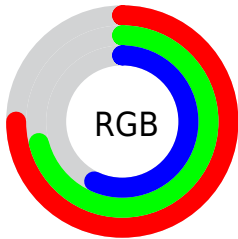
Format	Color
RYB	155, 190, 145
Decimal	12498577
CIELab	73.83, -3.16, 19.89
CIELCh	74, 20.142, 99.033
Yxy	46.4474, 0.3502, 0.3776
Android (android.graphics.Color)	4290688657 (0xFFBEB691)
YUV	180.1740, -17.3408, 8.6174
Hunter-Lab	68.1523, -6.4501, 18.5776

Details

The XYZ color **43.0740, 46.4474, 33.4831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3624, 32.5191, 53.2865**, and the grayscale version is **43.5609, 45.8294, 49.9082**.

A 20% lighter version of the original color is **79.2411, 85.0467, 66.2720**, and **20.0240, 21.7429, 13.7311** is the 20% darker color. If you saturate the color by 10%, you get **41.0471, 44.5452, 26.1739**, and if you desaturate by 10%, it is **45.3650, 48.4851, 42.0903**.

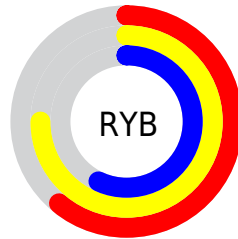
Distribution



Red (75%)

Green (71%)

Blue (57%)



Red (61%)

Yellow (75%)

Blue (57%)

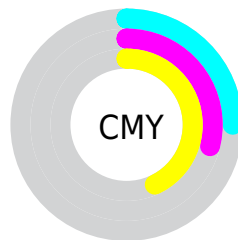


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0740, 46.4474, 33.4831 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 43.0740, 46.4474, 33.4831 by changing the saturation by 10% instead.


 43.0740, 46.4474,
33.4831


 43.0740, 46.4474,
33.4831


349.8324,
372.6044, 332.5195

 30.1380, 32.5990,
22.2226


 79.0775, 84.8882,
66.2537

 20.0919, 21.8194,
13.8207

 102.8757,
110.2494, 88.6010

 12.5705, 13.7243,
7.8587

131.0254,
140.2169, 115.4809

 7.2084, 7.9292,
3.9182

163.8918,
175.1753, 147.3120

 3.6403, 4.0496,
1.5806

201.8403,
215.5088, 184.5129

 1.5007, 1.7014,
0.2769

245.2364,

 0.3263, 0.4245,

261.6019, 227.5021

0.0000

294.4453,
313.8390, 276.6981

■ 0.0000, 0.0000,
0.0000

■ 43.0740, 46.4474,
33.4831

■ 43.0740, 46.4474,
33.4831

■ 41.0471, 44.5452,
26.1739

■ 45.3650, 48.4851,
42.0903

■ 39.2685, 42.7673,
20.0956

■ 47.9281, 50.6568,
52.0524

■ 37.7259, 41.1100,
15.1795

■ 50.7750, 52.9692,
63.4262

■ 36.4048, 39.5675,
11.3490

■ 53.9160, 55.4264,
76.2646

■ 35.2888, 38.1329,
8.5182

■ 57.3607, 58.0324,
90.6177

■ 34.3588, 36.7985,
6.5883

■ 60.4671, 60.5307,
103.1044

■ 33.5923, 35.5549,
5.4402

■ 61.2692, 62.1351,
103.3718

■ 33.1642, 34.8050,
4.9701

■ 62.0889, 63.7743,
103.6450

■ 62.9260, 65.4487,
103.9240

Harmonies

Analogous

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



46.6582, 46.4474, 34.2961



43.0740, 46.4474, 33.4831



39.9488, 46.4474, 36.7432

Triad

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



43.0740, 46.4474, 33.4831



39.0087, 46.4474, 64.0444



50.8975, 46.4474, 57.9670

Complementary

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



43.0740, 46.4474, 33.4831



32.3624, 32.5191, 53.2865

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.



48.6292, 46.4474, 67.4998



43.0740, 46.4474, 33.4831



41.7273, 46.4474, 71.3252

Square

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



43.0740, 46.4474, 33.4831



37.6866, 46.4474, 53.7348



45.2374, 46.4474, 72.6687



51.3062, 46.4474, 47.5383

Rectangle

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



43.0740, 46.4474, 33.4831



38.4991, 46.4474, 41.0854



45.2374, 46.4474, 72.6687



50.3216, 46.4474, 61.4199

Sweetspot

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



43.0752, 46.4495, 33.4841



85.2023, 90.4191, 87.8510



37.1315, 33.5067, 34.7564



18.6466, 19.8021, 19.0452



92.9021, 97.7402, 106.4391



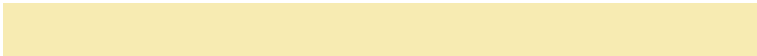
19.4759, 20.4902, 22.3138

Same Dimension

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



43.0752, 46.4495, 33.4841



76.2474, 82.4978, 54.0729



41.3727, 48.0725, 33.8871



10.1741, 10.8243, 10.1297



22.1040, 23.2468, 3.3221



0.9042, 0.9874, 0.1429

Inverse Universe

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



32.3624, 32.5191, 53.2865



53.7236, 53.2124, 95.7186



33.7679, 31.3657, 52.9898



9.1499, 9.4922, 12.0221



6.5976, 3.3069, 32.6835



0.3011, 0.2149, 1.2945

Previews

White Background



This preview shows how the XYZ color 43.0740, 46.4474, 33.4831 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 43.0740, 46.4474, 33.4831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

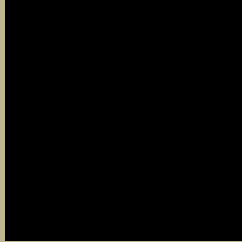
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0740, 46.4474, 33.4831

Background



This preview shows how black text looks on a background with the XYZ color 43.0740, 46.4474, 33.4831.



This preview shows how white text looks on a background with the XYZ color 43.0740, 46.4474,

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

43.0740, 46.4474, 33.4831

Protanopia

43.6270, 46.4295, 33.4505

Deuteranopia

47.2665, 46.2276, 34.0354



Tritanopia

47.5845, 46.5041, 55.1834

Trichromacy



Original Color

43.0740, 46.4474, 33.4831

Protanomaly

43.3729, 46.2985, 33.4386

Deuteranomaly

45.5390, 46.2161, 33.7146

Tritanomaly

45.8085, 46.3661, 46.5796

Monochromacy



Original Color

43.0740, 46.4474, 33.4831

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2661, 46.0281, 43.1632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0740, 46.4474, 33.4831 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(190, 182, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 145)  
}
```

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(190, 182, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 145) }
```

Border

The CSS property to change the border of an element to XYZ 43.0740, 46.4474, 33.4831 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(190, 182, 145) }
```


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

```
.border{ border-color:rgb(190, 182, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 182, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0740, 46.4474, 33.4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 145) }
```

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

```
.background{ background-color: rgb(190,  
182, 145) }
```

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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