

Converting Colors

XYZ(43.2775, 47.4667, 34.0758)

Have a look what the booklet for
XYZ(43.2775, 47.4667, 34.0758)
contains.

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Color

**XYZ(43.2763, 47.4646,
34.0748)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB992
RGB	188, 185, 146
RGB Percent	74%, 73%, 57%
CMY	0.2627, 0.2745, 0.4274
CMYK	0.00, 0.02, 0.22, 0.26
HSL	56°, 24%, 65%
HSV	56°, 22%, 74%
XYZ	43.2763, 47.4646, 34.0748
YIQ	181.4510, 14.3070, -11.4930

Conversions

Conversions Part 2

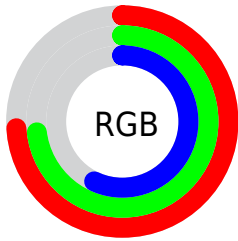
Format	Color
R_{YB}	149, 188, 146
Decimal	12368274
CIE Lab	74.49, -5.37, 20.22
CIE LCh	74, 20.925, 104.866
Yxy	47.4646, 0.3467, 0.3803
Android (android.graphics.Color)	4290558354 (0xFFBCB992)
YUV	181.4510, -17.4773, 5.7435
Hunter-Lab	68.8946, -8.4402, 18.9017

Details

The XYZ color **43.2763, 47.4646, 34.0748** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6785, 31.2360, 51.9367**, and the grayscale version is **44.2525, 46.5571, 50.7007**.

A 20% lighter version of the original color is **79.5368, 86.4932, 67.1464**, and **20.1483, 22.3971, 14.0876** is the 20% darker color. If you saturate the color by 10%, you get **41.6538, 46.3705, 26.9026**, and if you desaturate by 10%, it is **45.1445, 48.6645, 42.5165**.

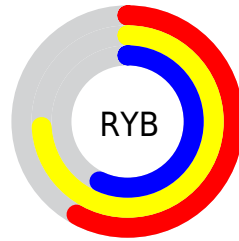
Distribution



Red (74%)

Green (73%)

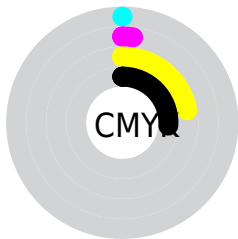
Blue (57%)



Red (58%)

Yellow (74%)

Blue (57%)

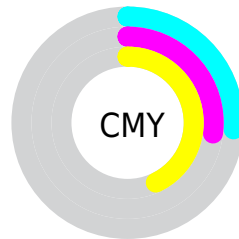


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (26%)



Cyan (26%)


Magenta (27%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2763, 47.4646, 34.0748 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 43.2763, 47.4646, 34.0748 by changing the saturation by 10% instead.


 43.2763, 47.4646,
34.0748


 43.2763, 47.4646,
34.0748


350.6491,
376.6660, 335.2448

 30.2974, 33.4031,
22.6732


 79.3808, 86.4067,
67.1852

 20.2136, 22.4354,
14.1494


 103.2370,
112.0561, 89.7311

 12.6596, 14.1772,
8.0847


131.4499,
142.3369, 116.8289

 7.2699, 8.2440,
4.0606

164.3845,
177.6335, 148.8971

 3.6793, 4.2515,
1.6587

202.4065,
218.3303, 186.3542

 1.5224, 1.8152,
0.3322

245.8809,

 0.3410, 0.4966,

264.8118, 229.6189

0.0000

295.1734,
317.4622, 279.1095

■ 0.0000, 0.0000,
0.0000

■ 43.2763, 47.4646,
34.0748

■ 43.2763, 47.4646,
34.0748

■ 41.6538, 46.3705,
26.9026

■ 45.1445, 48.6645,
42.5165

■ 40.2615, 45.3710,
20.9351

■ 47.2655, 49.9681,
52.2825

■ 39.0879, 44.4632,
16.1063

■ 49.6510, 51.3818,
63.4276

■ 38.1190, 43.6416,
12.3425

■ 52.3106, 52.9094,
76.0031

■ 37.3392, 42.8997,
9.5615

■ 55.2535, 54.5546,
90.0574

■ 36.7306, 42.2305,
7.6691

■ 57.8703, 56.0737,
102.3809

■ 36.2717, 41.6254,
6.5527

■ 58.1682, 56.6695,
102.4802

■ 35.9896, 41.1924,
6.0541

■ 58.4687, 57.2706,
102.5804

■ 58.7720, 57.8772,
102.6815

Harmonies

Analogous

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



47.0360, 47.4646, 34.0939



43.2763, 47.4646, 34.0748



40.1828, 47.4646, 38.2989

Triad

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



43.2763, 47.4646, 34.0748



40.1606, 47.4646, 67.7827



52.4922, 47.4646, 57.3023

Complementary

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



43.2763, 47.4646, 34.0748



31.6785, 31.2360, 51.9367

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.



50.4323, 47.4646, 67.8650



43.2763, 47.4646, 34.0748



43.2444, 47.4646, 74.4660

Square

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



43.2763, 47.4646, 34.0748



38.4533, 47.4646, 57.2018



47.0023, 47.4646, 74.4981



52.5019, 47.4646, 46.5272

Rectangle

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



43.2763, 47.4646, 34.0748



38.8542, 47.4646, 43.3421



47.0023, 47.4646, 74.4981



52.0117, 47.4646, 61.0260

Sweetspot

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



43.2775, 47.4667, 34.0758



83.7672, 89.4069, 85.9967



36.4832, 33.4357, 33.1750



17.9644, 19.1962, 18.2657



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.2775, 47.4667, 34.0758



76.8785, 84.9898, 54.8438



39.8578, 46.6440, 34.0972



10.2624, 11.0008, 10.1591



24.5265, 28.0918, 4.1296



0.9783, 1.1356, 0.1676

Inverse Universe

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



31.6785, 31.2360, 51.9367



51.9929, 50.1687, 93.1694



34.5634, 32.0287, 51.9377



9.0697, 9.3317, 11.9954



6.3030, 2.7178, 32.5853



0.2658, 0.1442, 1.2827

Previews

White Background



This preview shows how the XYZ color 43.2763, 47.4646, 34.0748 looks on a white background.

Color Contrast Check

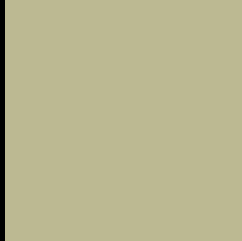
Large Text (above 18pt) WCAG AA × Fail

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 43.2763, 47.4646, 34.0748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

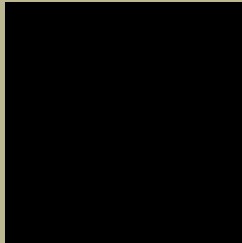
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2763, 47.4646, 34.0748

Background



This preview shows how black text looks on a background with the XYZ color 43.2763, 47.4646, 34.0748.



This preview shows how white text looks on a background with the XYZ color 43.2763, 47.4646,

34.0748.

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

43.2763, 47.4646, 34.0748

Protanopia

44.5500, 47.5134, 33.6110

Deuteranopia

48.3112, 47.3349, 34.6073



Tritanopia

47.9939, 47.5598, 57.1025

Trichromacy



Original Color

43.2763, 47.4646, 34.0748

Protanomaly

43.9896, 47.5318, 33.6441

Deuteranomaly

46.2884, 47.1842, 34.2716

Tritanomaly

46.0986, 47.3888, 47.7916

Monochromacy



Original Color

43.2763, 47.4646, 34.0748

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5630, 46.4734, 43.7200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2763, 47.4646, 34.0748 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(188, 185, 146)` looks like.

```
.text, #text, p{  
    color:rgb(188, 185, 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(188, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 185, 146) }
```

Border

The CSS property to change the border of an element to XYZ 43.2763, 47.4646, 34.0748 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(188, 185, 146) }
```


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

```
.border{ border-color:rgb(188, 185, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 185, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(188, 185,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2763, 47.4646, 34.0748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 185, 146) }
```

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

```
.background{ background-color: rgb(188,  
185, 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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