

Converting Colors

XYZ(47.1326, 50.1306, 32.0030)

Have a look what the booklet for
XYZ(47.1326, 50.1306, 32.0030)
contains.

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Color

**XYZ(47.1326, 50.1306,
32.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBB8C
RGB	203, 187, 140
RGB Percent	80%, 73%, 55%
CMY	0.2039, 0.2666, 0.4510
CMYK	0.00, 0.08, 0.31, 0.20
HSL	45°, 38%, 67%
HSV	45°, 31%, 80%
XYZ	47.1326, 50.1306, 32.0030
YIQ	186.4260, 24.6230, -11.2250

Conversions

Conversions Part 2

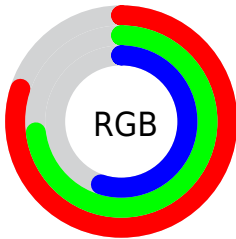
Format	Color
RYB	161, 203, 140
Decimal	13351820
CIELab	76.15, -1.44, 25.90
CIElCh	76, 25.942, 93.174
Yxy	50.1306, 0.3646, 0.3878
Android (android.graphics.Color)	4291541900 (0xFFCBBB8C)
YUV	186.4260, -22.8880, 14.5354
Hunter-Lab	70.8030, -5.0801, 22.7629

Details

The XYZ color **47.1326, 50.1306, 32.0030** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4831, 33.6634, 61.2331**, and the grayscale version is **47.0270, 49.4760, 53.8794**.

A 20% lighter version of the original color is **83.0282, 89.2562, 63.8911**, and **22.5410, 24.0674, 12.9086** is the 20% darker color. If you saturate the color by 10%, you get **44.6982, 47.4403, 24.4756**, and if you desaturate by 10%, it is **49.8850, 53.0145, 40.9999**.

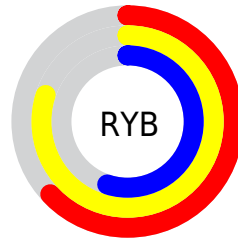
Distribution



Red (80%)

Green (73%)

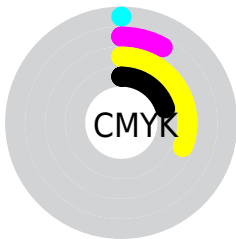
Blue (55%)



Red (63%)

Yellow (80%)

Blue (55%)

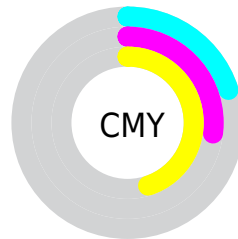


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (27%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1326, 50.1306, 32.0030 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 47.1326, 50.1306, 32.0030 by changing the saturation by 10% instead.


 47.1326, 50.1306,
32.0030


 47.1326, 50.1306,
32.0030


365.9836,
387.1764, 325.6261


 33.3489, 35.5172,
21.0990

 85.1291, 90.3683,
63.9138

 22.5544, 24.0615,
13.0044


 110.0725,
116.7615, 85.7575

 14.3837, 15.3793,
7.3008


 139.4666,
147.8499, 112.0850

 8.4715, 9.0860,
3.5696

173.6766,
184.0182, 143.3146

 4.4524, 4.7973,
1.3924

213.0680,
225.6505, 179.8650

 1.9611, 2.1288,
0.1357

258.0060,

 0.6120, 0.6808,

273.1314, 222.1547

0.0000

308.8561,
326.8453, 270.6022

■ 0.0000, 0.0000,
0.0000

■ 47.1326, 50.1306,
32.0030

■ 47.1326, 50.1306,
32.0030

■ 44.6982, 47.4403,
24.4756

■ 49.8850, 53.0145,
40.9999

■ 42.5624, 44.9297,
18.3344

■ 52.9659, 56.0914,
51.5373

■ 40.7093, 42.5938,
13.4924

■ 56.3902, 59.3698,
63.6853

■ 39.1199, 40.4242,
9.8516

■ 60.1706, 62.8553,
77.5088

■ 37.7726, 38.4115,
7.2998

■ 64.3189, 66.5534,
93.0689

■ 36.6415, 36.5447,
5.7036

■ 67.7320, 70.0231,
104.5537

■ 35.7693, 34.9777,
4.8661

■ 69.0889, 72.7370,
105.0060

■ 70.4878, 75.5347,
105.4723

■ 71.9289, 78.4170,
105.9527

Harmonies

Analogous

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



51.9862, 50.1306, 34.0314



47.1326, 50.1306, 32.0030



42.7195, 50.1306, 35.1233

Triad

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



47.1326, 50.1306, 32.0030



40.2527, 50.1306, 70.5601



56.4739, 50.1306, 67.5609

Complementary

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



47.1326, 50.1306, 32.0030



33.4831, 33.6634, 61.2331

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.



52.9409, 50.1306, 80.1614



47.1326, 50.1306, 32.0030



43.5574, 50.1306, 82.0893

Square

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



47.1326, 50.1306, 32.0030



38.9206, 50.1306, 56.0775



48.1664, 50.1306, 85.8691



57.5904, 50.1306, 53.1167

Rectangle

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



47.1326, 50.1306, 32.0030



40.5585, 50.1306, 40.0748



48.1664, 50.1306, 85.8691



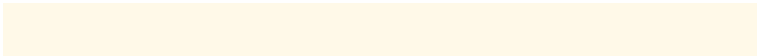
55.5182, 50.1306, 72.2295

Sweetspot

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



47.1339, 50.1329, 32.0040



89.7418, 94.9474, 89.9780



40.0759, 33.8808, 36.2369



19.0345, 20.1535, 18.6502



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.



47.1339, 50.1329, 32.0040



76.2306, 80.9977, 45.1729



46.9030, 55.3352, 33.0204



11.9033, 12.5956, 11.8833



22.8394, 22.4118, 3.1221



1.2367, 1.2731, 0.1806

Inverse Universe

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



33.4831, 33.6634, 61.2331



49.9440, 49.2938, 101.4901



33.6182, 30.0076, 60.5203



10.8294, 11.2992, 14.1806



7.6910, 4.4059, 36.4013



0.4593, 0.3524, 1.8987

Previews

White Background



This preview shows how the XYZ color 47.1326, 50.1306, 32.0030 looks on a white background.

Color Contrast Check

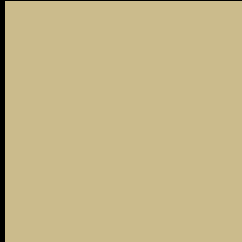
Large Text (above 18pt) WCAG AA × Fail

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 47.1326, 50.1306, 32.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

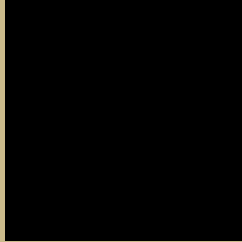
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1326, 50.1306, 32.0030

Background



This preview shows how black text looks on a background with the XYZ color 47.1326, 50.1306, 32.0030.



This preview shows how white text looks on a background with the XYZ color 47.1326, 50.1306,

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

47.1326, 50.1306, 32.0030

Protanopia

46.8042, 50.2774, 32.0486

Deuteranopia

50.9478, 49.9378, 32.1530



Tritanopia

52.3534, 50.0929, 57.9485

Trichromacy



Original Color

47.1326, 50.1306, 32.0030

Protanomaly

47.0740, 50.4164, 32.0612

Deuteranomaly

49.4728, 50.0862, 32.2594

Tritanomaly

50.3056, 50.1884, 47.0803

Monochromacy



Original Color

47.1326, 50.1306, 32.0030

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.4586, 49.1889, 44.5819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1326, 50.1306, 32.0030 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(203, 187, 140)` looks like.

```
.text, #text, p{  
    color:rgb(203, 187, 140)  
}
```

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(203, 187, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 187, 140) }
```

Border

The CSS property to change the border of an element to XYZ 47.1326, 50.1306, 32.0030 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(203, 187, 140) }
```


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

```
.border{ border-color:rgb(203, 187, 140) }
```

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

Here you see how a box with a 4 pixel rgb(203, 187, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 187, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 187, 140);  
box-shadow:4px 4px 4px 4px rgb(203, 187,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1326, 50.1306, 32.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 187, 140) }
```

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

```
.background{ background-color: rgb(203,  
187, 140) }
```

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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