

Converting Colors

XYZ(43.5491, 47.2009, 32.7226)

Have a look what the booklet for
XYZ(43.5491, 47.2009, 32.7226)
contains.

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Color

**XYZ(43.5843, 47.3405,
32.8271)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB88F
RGB	191, 184, 143
RGB Percent	75%, 72%, 56%
CMY	0.2510, 0.2784, 0.4392
CMYK	0.00, 0.04, 0.25, 0.25
HSL	51°, 27%, 65%
HSV	51°, 25%, 75%
XYZ	43.5843, 47.3405, 32.8271
YIQ	181.4190, 17.3330, -11.2670

Conversions

Conversions Part 2

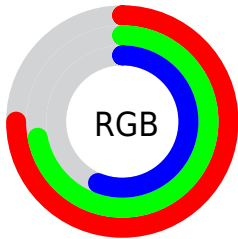
Format	Color
RYB	151, 191, 143
Decimal	12564623
CIELab	74.41, -4.12, 21.77
CIELCh	74, 22.152, 100.713
Yxy	47.3405, 0.3522, 0.3825
Android (android.graphics.Color)	4290754703 (0xFFBFB88F)
YUV	181.4190, -18.9406, 8.4025
Hunter-Lab	68.8044, -7.3366, 19.8754

Details

The XYZ color **43.5843, 47.3405, 32.8271** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6379, 31.4133, 53.6864**, and the grayscale version is **44.2417, 46.5457, 50.6883**.

A 20% lighter version of the original color is **79.9495, 86.3079, 65.2686**, and **20.3646, 22.3237, 13.3608** is the 20% darker color. If you saturate the color by 10%, you get **41.6867, 45.6669, 25.6536**, and if you desaturate by 10%, it is **45.7421, 49.1397, 41.3039**.

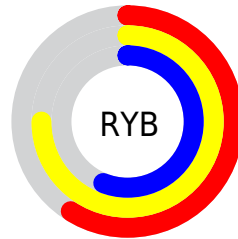
Distribution



Red (75%)

Green (72%)

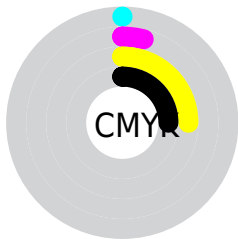
Blue (56%)



Red (59%)

Yellow (75%)

Blue (56%)

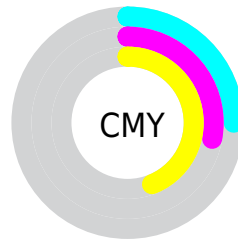


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5843, 47.3405, 32.8271 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 43.5843, 47.3405, 32.8271 by changing the saturation by 10% instead.


 43.5843, 47.3405,
32.8271

 43.5843, 47.3405,
32.8271


351.8901,
376.1720, 329.4780

 30.5403, 33.3049,
21.7240


 79.8421, 86.2217,
65.2184

 20.3992, 22.3601,
13.4579


 103.7866,
111.8360, 87.3437

 12.7955, 14.1218,
7.6102


132.0954,
142.0788, 113.9801

 7.3639, 8.2054,
3.7624

165.1337,
177.3343, 145.5461

 3.7390, 4.2267,
1.4959

203.2670,
217.9870, 182.4604

 1.5556, 1.8011,
0.2149

246.8606,

 0.3632, 0.4879,

264.4212, 225.1415

0.0000

296.2799,
317.0215, 274.0078

■ 0.0000, 0.0000,
0.0000

■ 43.5843, 47.3405,
32.8271

■ 43.5843, 47.3405,
32.8271

■ 41.6867, 45.6669,
25.6536

■ 45.7421, 49.1397,
41.3039

■ 40.0331, 44.1073,
19.7148

■ 48.1682, 51.0629,
51.1421

■ 38.6112, 42.6584,
14.9401

■ 50.8746, 53.1166,
62.3998

■ 37.4058, 41.3141,
11.2506

■ 53.8716, 55.3051,
75.1312

■ 36.4001, 40.0674,
8.5580

■ 57.1691, 57.6323,
89.3871

■ 35.5745, 38.9105,
6.7594

■ 60.3545, 59.9335,
102.9950

■ 34.9054, 37.8336,
5.7300

■ 61.0081, 61.2407,
103.2129

■ 34.6121, 37.3286,
5.3809

■ 61.6736, 62.5716,
103.4347

■ 62.3509, 63.9263,
103.6605

Harmonies

Analogous

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



47.5782, 47.3405, 33.4606



43.5843, 47.3405, 32.8271



40.1737, 47.3405, 36.6177

Triad

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



43.5843, 47.3405, 32.8271



39.4262, 47.3405, 67.2504



52.6343, 47.3405, 59.1507

Complementary

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



43.5843, 47.3405, 32.8271



31.6379, 31.4133, 53.6864

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.



50.1889, 47.3405, 70.0627



43.5843, 47.3405, 32.8271



42.5084, 47.3405, 75.1960

Square

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



43.5843, 47.3405, 32.8271



37.8692, 47.3405, 55.7399



46.4373, 47.3405, 76.2951



52.9646, 47.3405, 47.5675

Rectangle

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



43.5843, 47.3405, 32.8271



38.6293, 47.3405, 41.5252



46.4373, 47.3405, 76.2951



52.0258, 47.3405, 63.0611

Sweetspot

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



43.5855, 47.3426, 32.8281



84.9152, 90.3971, 86.0533



36.8300, 32.9304, 33.3543



18.4991, 19.7341, 18.2965



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.



43.5855, 47.3426, 32.8281



76.1879, 83.1599, 51.6447



41.0893, 48.2668, 33.1380



10.2005, 10.8770, 10.1385



22.7922, 24.6232, 3.5515



0.9256, 1.0301, 0.1501

Inverse Universe

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



31.6379, 31.4133, 53.6864



51.2405, 49.9023, 95.2106



33.6842, 30.8601, 53.4718



9.1257, 9.4438, 12.0141



6.4874, 3.0866, 32.6467



0.2905, 0.1936, 1.2909

Previews

White Background



This preview shows how the XYZ color 43.5843, 47.3405, 32.8271 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 43.5843, 47.3405, 32.8271 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

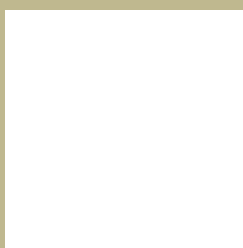
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5843, 47.3405, 32.8271

Background



This preview shows how black text looks on a background with the XYZ color 43.5843, 47.3405, 32.8271.



This preview shows how white text looks on a background with the XYZ color 43.5843, 47.3405,

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

43.5843, 47.3405, 32.8271

Protanopia

44.3216, 47.4221, 32.4086

Deuteranopia

48.3677, 47.3911, 33.3862



Tritanopia

48.1521, 47.0762, 55.8389

Trichromacy



Original Color

43.5843, 47.3405, 32.8271

Protanomaly

44.0641, 47.2893, 32.3965

Deuteranomaly

46.6077, 47.3756, 33.0735

Tritanomaly

46.4669, 47.3006, 46.7253

Monochromacy



Original Color

43.5843, 47.3405, 32.8271

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7106, 46.5602, 43.2424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5843, 47.3405, 32.8271 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(191, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 143)  
}
```

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(191, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 143) }
```

Border

The CSS property to change the border of an element to XYZ 43.5843, 47.3405, 32.8271 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(191, 184, 143) }
```


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

```
.border{ border-color:rgb(191, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5843, 47.3405, 32.8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 143) }
```

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

```
.background{ background-color: rgb(191,  
184, 143) }
```

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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