

Converting Colors

XYZ(43.4988, 47.0772, 29.3232)

Have a look what the booklet for
XYZ(43.4988, 47.0772, 29.3232)
contains.

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Color

**XYZ(43.4847, 47.0575,
29.3454)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B786
RGB	194, 183, 134
RGB Percent	76%, 72%, 53%
CMY	0.2392, 0.2823, 0.4745
CMYK	0.00, 0.06, 0.31, 0.24
HSL	49°, 33%, 64%
HSV	49°, 31%, 76%
XYZ	43.4847, 47.0575, 29.3454
YIQ	180.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

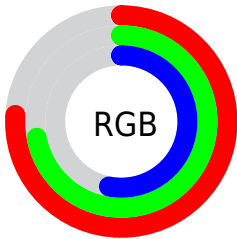
Format	Color
RYB	147, 194, 134
Decimal	12760966
CIELab	74.23, -3.63, 26.37
CIELCh	74, 26.624, 97.845
Yxy	47.0575, 0.3627, 0.3925
Android (android.graphics.Color)	4290951046 (0xFFC2B786)
YUV	180.7030, -23.0246, 11.6615
Hunter-Lab	68.5985, -6.8958, 22.6556

Details

The XYZ color **43.4847, 47.0575, 29.3454** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6944, 29.2135, 55.1128**, and the grayscale version is **43.8735, 46.1583, 50.2664**.

A 20% lighter version of the original color is **79.7273, 85.8731, 59.9500**, and **20.3981, 22.1808, 11.5937** is the 20% darker color. If you saturate the color by 10%, you get **41.5302, 45.1188, 22.6197**, and if you desaturate by 10%, it is **45.7084, 49.1369, 37.3866**.

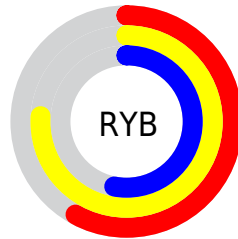
Distribution



Red (76%)

Green (72%)

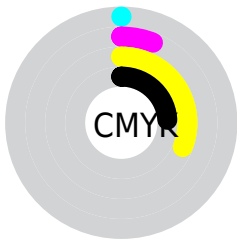
Blue (53%)



Red (58%)

Yellow (76%)

Blue (53%)

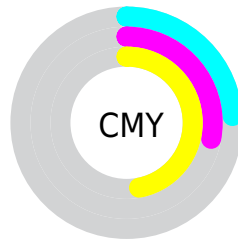


Cyan (0%)

Magenta (6%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (28%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4847, 47.0575, 29.3454 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 43.4847, 47.0575, 29.3454 by changing the saturation by 10% instead.


 43.4847, 47.0575,
29.3454

 43.4847, 47.0575,
29.3454


351.4891,
375.0440, 312.9530


 30.4618, 33.0811,
19.0944


 79.6929, 85.7994,
59.6741

 20.3392, 22.1886,
11.5610


 103.6090,
111.3338, 80.5890

 12.7515, 13.9955,
6.3266


 131.8867,
141.4896, 105.8955

 7.3335, 8.1176,
2.9727

164.8916,
176.6512, 136.0124

 3.7197, 4.1703,
1.0807

202.9889,
217.2031, 171.3580

 1.5448, 1.7693,
0.0000

246.5440,

 0.3560, 0.4679,

263.5296, 212.3509

0.0000

295.9223,
316.0151, 259.4097

■ 0.0000, 0.0000,
0.0000

■ 43.4847, 47.0575,
29.3454

■ 43.4847, 47.0575,
29.3454

■ 41.5302, 45.1188,
22.6197

■ 45.7084, 49.1369,
37.3866

■ 39.8276, 43.3085,
17.1349

■ 48.2103, 51.3558,
46.8064

■ 38.3630, 41.6227,
12.8134

■ 51.0036, 53.7212,
57.6676

■ 37.1197, 40.0544,
9.5680

■ 54.0993, 56.2380,
70.0281

■ 36.0786, 38.5957,
7.2986

■ 57.5080, 58.9104,
83.9426

■ 35.2170, 37.2374,
5.8867

■ 61.2396, 61.7426,
99.4631

■ 34.5515, 36.0761,
5.1423

■ 62.8277, 63.7484,
103.6010

■ 63.7037, 65.5003,
103.8930

■ 64.5992, 67.2914,
104.1915

Harmonies

Analogous

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



48.2811, 47.0575, 30.5308



43.4847, 47.0575, 29.3454



39.3245, 47.0575, 33.1446

Triad

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



43.4847, 47.0575, 29.3454



37.8581, 47.0575, 69.1317



53.7850, 47.0575, 61.8127

Complementary

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



43.4847, 47.0575, 29.3454



29.6944, 29.2135, 55.1128

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.



50.6024, 47.0575, 74.9459



43.4847, 47.0575, 29.3454



41.3513, 47.0575, 79.6684

Square

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



43.4847, 47.0575, 29.3454



36.2302, 47.0575, 54.9127



45.9922, 47.0575, 81.9668



54.4576, 47.0575, 47.7303

Rectangle

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



43.4847, 47.0575, 29.3454



37.3921, 47.0575, 38.4731



45.9922, 47.0575, 81.9668



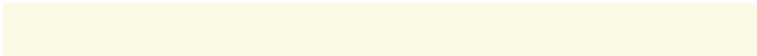
52.9628, 47.0575, 66.5528

Sweetspot

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



43.4859, 47.0596, 29.3464



88.2085, 93.7885, 88.1178



35.8845, 30.5644, 30.7969



19.1592, 20.4030, 18.6917



0.0000, 0.0000, 0.0000



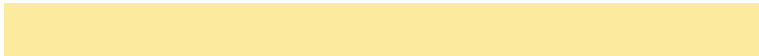
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4859, 47.0596, 29.3464



76.3734, 82.8914, 44.7950



41.2744, 49.4190, 29.9183



10.7514, 11.4343, 10.7022



22.7719, 23.8296, 3.3994



1.0257, 1.1131, 0.1608

Inverse Universe

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



29.6944, 29.2135, 55.1128



47.5058, 45.5462, 98.7573



31.4001, 27.7182, 54.7343



9.6743, 10.0400, 12.7128



6.8524, 3.4614, 33.8636



0.3426, 0.2425, 1.4786

Previews

White Background



This preview shows how the XYZ color 43.4847, 47.0575, 29.3454 looks on a white background.

Color Contrast Check

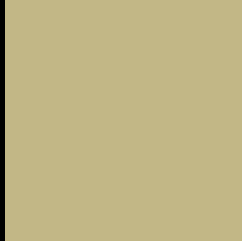
Large Text (above 18pt) WCAG AA × Fail

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 43.4847, 47.0575, 29.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

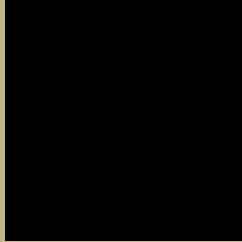
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4847, 47.0575, 29.3454

Background



This preview shows how black text looks on a background with the XYZ color 43.4847, 47.0575, 29.3454.



This preview shows how white text looks on a background with the XYZ color 43.4847, 47.0575,

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

43.4847, 47.0575, 29.3454

Protanopia

43.7960, 46.9129, 29.3011

Deuteranopia

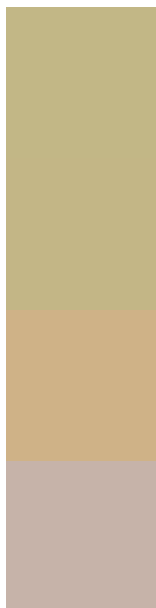
47.7982, 46.8846, 29.8229



Tritanopia

48.7980, 47.1423, 54.6716

Trichromacy



Original Color

43.4847, 47.0575, 29.3454

Protanomaly

43.5367, 46.7792, 29.2889

Deuteranomaly

46.0257, 46.8555, 29.5399

Tritanomaly

46.5702, 47.1105, 44.1748

Monochromacy



Original Color

43.4847, 47.0575, 29.3454

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6785, 46.5753, 41.8098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4847, 47.0575, 29.3454 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(194, 183, 134)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 134)  
}
```

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(194, 183, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 134) }
```

Border

The CSS property to change the border of an element to XYZ 43.4847, 47.0575, 29.3454 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(194, 183, 134) }
```


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

```
.border{ border-color:rgb(194, 183, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 134);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4847, 47.0575, 29.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 134) }
```

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

```
.background{ background-color: rgb(194,  
183, 134) }
```

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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