

Converting Colors

XYZ(43.5060, 47.3677, 29.7715)

Have a look what the booklet for
XYZ(43.5060, 47.3677, 29.7715)
contains.

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Color

**XYZ(43.5060, 47.3677,
29.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B887
RGB	193, 184, 135
RGB Percent	76%, 72%, 53%
CMY	0.2431, 0.2784, 0.4706
CMYK	0.00, 0.05, 0.30, 0.24
HSL	51°, 32%, 64%
HSV	51°, 30%, 76%
XYZ	43.5060, 47.3677, 29.7715
YIQ	181.1050, 21.0930, -13.3310

Conversions

Conversions Part 2

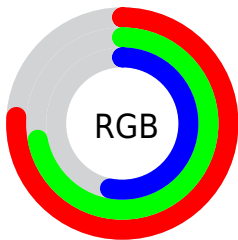
Format	Color
RYB	146, 193, 135
Decimal	12695687
CIELab	74.42, -4.42, 26.09
CIELCh	74, 26.466, 99.622
Yxy	47.3677, 0.3606, 0.3926
Android (android.graphics.Color)	4290885767 (0xFFC1B887)
YUV	181.1050, -22.7298, 10.4319
Hunter-Lab	68.8242, -7.6067, 22.5297

Details

The XYZ color **43.5060, 47.3677, 29.7715** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.5904, 28.9469, 54.4800**, and the grayscale version is **44.0899, 46.3860, 50.5143**.

A 20% lighter version of the original color is **79.7697, 86.3183, 60.6009**, and **20.4035, 22.3774, 11.8382** is the 20% darker color. If you saturate the color by 10%, you get **41.6537, 45.6440, 23.0469**, and if you desaturate by 10%, it is **45.6203, 49.2206, 37.7998**.

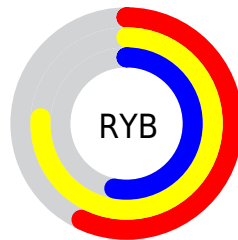
Distribution



Red (76%)

Green (72%)

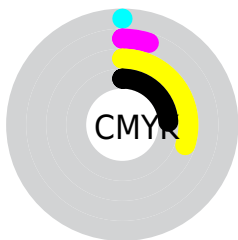
Blue (53%)



Red (57%)

Yellow (76%)

Blue (53%)

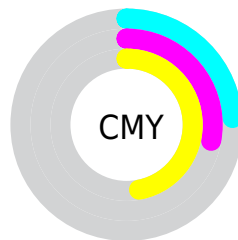


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5060, 47.3677, 29.7715 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 43.5060, 47.3677, 29.7715 by changing the saturation by 10% instead.

■ 43.5060, 47.3677,
29.7715

■ 43.5060, 47.3677,
29.7715

351.5749,
376.2803, 315.0120

■ 30.4786, 33.3264,
19.4146

■ 79.7248, 86.2622,
60.3574

■ 20.3520, 22.3766,
11.7904

■ 103.6470,
111.8843, 81.4234

■ 12.7609, 14.1339,
6.4803

■ 131.9314,
142.1354, 106.8963

■ 7.3400, 8.2139,
3.0658

164.9434,
177.3999, 137.1946

■ 3.7238, 4.2321,
1.1283

203.0484,
218.0623, 172.7367

■ 1.5471, 1.8042,
0.0000

246.6118,

■ 0.3576, 0.4898,

264.5069, 213.9413

0.0000

295.9988,
317.1181, 261.2269

■ 0.0000, 0.0000,
0.0000

■ 43.5060, 47.3677,
29.7715

■ 43.5060, 47.3677,
29.7715

■ 41.6537, 45.6440,
23.0469

■ 45.6203, 49.2206,
37.7998

■ 40.0463, 44.0375,
17.5529

■ 48.0053, 51.2013,
47.1938

■ 38.6704, 42.5444,
13.2137


■ 50.6737, 53.3167,
58.0150


■ 37.5096, 41.1580,
9.9439


■ 53.6366, 55.5713,
70.3203


■ 36.5455, 39.8708,
7.6461


■ 56.9041, 57.9693,
84.1634


 35.7560, 38.6739,
6.2054

 60.4861, 60.5147,
99.5956

 35.1014, 37.5556,
5.3989

 61.8638, 62.2003,
103.3530

 62.5865, 63.6458,
103.5939

 63.3231, 65.1188,
103.8394

Harmonies

Analogous

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



48.2913, 47.3677, 30.6638



43.5060, 47.3677, 29.7715



39.4225, 47.3677, 33.8738

Triad

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



43.5060, 47.3677, 29.7715



38.3203, 47.3677, 70.2042



54.1777, 47.3677, 61.2729

Complementary

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



43.5060, 47.3677, 29.7715



29.5904, 28.9469, 54.4800

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.



51.1272, 47.3677, 74.5679



43.5060, 47.3677, 29.7715



41.9029, 47.3677, 80.3233

Square

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



43.5060, 47.3677, 29.7715



36.5712, 47.3677, 56.0913



46.5720, 47.3677, 82.0477



54.6827, 47.3677, 47.3086

Rectangle

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



43.5060, 47.3677, 29.7715



37.5639, 47.3677, 39.4003



46.5720, 47.3677, 82.0477



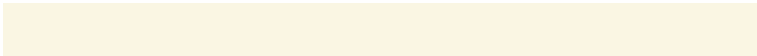
53.4062, 47.3677, 66.0311

Sweetspot

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



43.5072, 47.3698, 29.7725



86.3913, 92.0365, 86.1809



35.7419, 30.7000, 30.6960



18.3912, 19.6293, 17.9178



92.9021, 97.7402, 106.4391



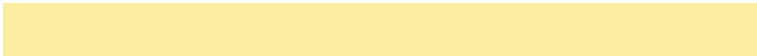
19.4759, 20.4902, 22.3138

Same Dimension

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



43.5072, 47.3698, 29.7725



75.7082, 82.8017, 45.2204



40.8249, 48.8499, 30.1995



10.7761, 11.4836, 10.7105



23.3942, 25.0742, 3.6068



1.0475, 1.1567, 0.1681

Inverse Universe

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



29.5904, 28.9469, 54.4800



46.8387, 44.5921, 96.4988



31.6801, 28.0816, 54.2028



9.6517, 9.9946, 12.7053



6.7480, 3.2526, 33.8288



0.3324, 0.2223, 1.4753

Previews

White Background



This preview shows how the XYZ color 43.5060, 47.3677, 29.7715 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 43.5060, 47.3677, 29.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

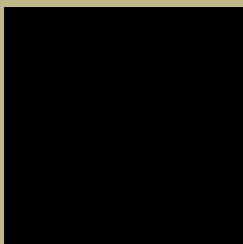
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

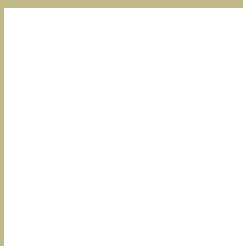
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5060, 47.3677, 29.7715

Background



This preview shows how black text looks on a background with the XYZ color 43.5060, 47.3677, 29.7715.



This preview shows how white text looks on a background with the XYZ color 43.5060, 47.3677,

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

43.5060, 47.3677, 29.7715

Protanopia

44.2625, 47.4585, 29.3818

Deuteranopia

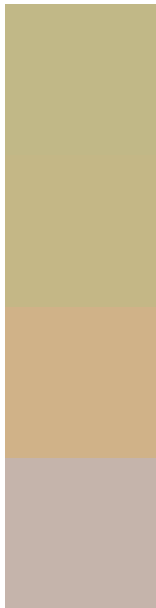
48.1642, 47.0650, 30.2128



Tritanopia

48.9455, 47.4852, 55.8761

Trichromacy



Original Color

43.5060, 47.3677, 29.7715

Protanomaly

44.0015, 47.3240, 29.3696

Deuteranomaly

46.3768, 47.0283, 29.9256

Tritanomaly

46.6979, 47.4531, 45.2262

Monochromacy



Original Color

43.5060, 47.3677, 29.7715

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4364, 46.4505, 41.7985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5060, 47.3677, 29.7715 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(193, 184, 135)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 135)  
}
```

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(193, 184, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.5060, 47.3677, 29.7715 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(193, 184, 135) }
```


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

```
.border{ border-color:rgb(193, 184, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 135);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5060, 47.3677, 29.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 135) }
```

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

```
.background{ background-color: rgb(193,  
184, 135) }
```

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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