

Converting Colors

XYZ(43.9748, 50.0901, 24.8459)

Have a look what the booklet for
XYZ(43.9748, 50.0901, 24.8459)
contains.

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Color

**XYZ(43.9529, 49.9310,
24.7738)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BF77
RGB	193, 191, 119
RGB Percent	76%, 75%, 47%
CMY	0.2431, 0.2510, 0.5333
CMYK	0.00, 0.01, 0.38, 0.24
HSL	58°, 37%, 61%
HSV	58°, 38%, 76%
XYZ	43.9529, 49.9310, 24.7738
YIQ	183.3900, 24.3040, -21.9680

Conversions

Conversions Part 2

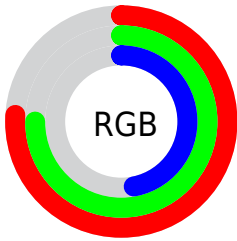
Format	Color
RYB	121, 193, 119
Decimal	12697463
CIELab	76.03, -10.02, 36.57
CIELCh	76, 37.916, 105.317
Yxy	49.9310, 0.3704, 0.4208
Android (android.graphics.Color)	4290887543 (0xFFC1BF77)
YUV	183.3900, -31.7443, 8.4280
Hunter-Lab	70.6619, -12.6282, 28.6764

Details

The XYZ color **43.9529, 49.9310, 24.7738** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.0706, 21.4463, 53.3229**, and the grayscale version is **45.3847, 47.7482, 51.9978**.

A 20% lighter version of the original color is **80.1315, 89.8241, 52.1441**, and **20.6439, 24.0099, 9.1765** is the 20% darker color. If you saturate the color by 10%, you get **42.7968, 49.2891, 19.2392**, and if you desaturate by 10%, it is **45.3473, 50.6724, 31.5502**.

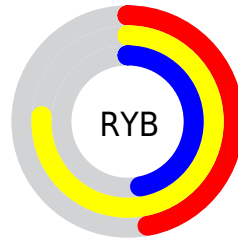
Distribution



Red (76%)

Green (75%)

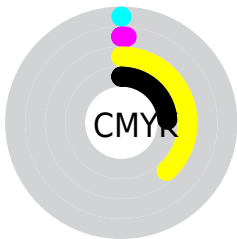
Blue (47%)



Red (47%)

Yellow (76%)

Blue (47%)

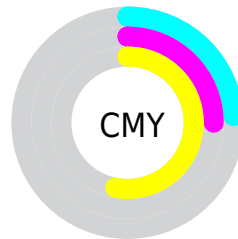


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9529, 49.9310, 24.7738 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 43.9529, 49.9310, 24.7738 by changing the saturation by 10% instead.


 43.9529, 49.9310,
24.7738


 43.9529, 49.9310,
24.7738


353.3715,
386.3960, 290.1211

 30.8312, 35.3586,
15.6911


 80.3936, 90.0726,
52.2496

 20.6216, 23.9392,
9.1539


 104.4434,
116.4106, 71.4798

 12.9585, 15.2885,
4.7435

 132.8667,
147.4393, 94.9295

 7.4768, 9.0221,
2.0415

166.0287,
183.5430, 123.0174

 3.8110, 4.7556,
0.5806

204.2948,
225.1061, 156.1620

 1.5958, 2.1046,
0.0000

248.0304,

 0.3897, 0.6672,

272.5131, 194.7818

0.0000

297.6008,
326.1482, 239.2953

■ 0.0000, 0.0000,
0.0000

■ 43.9529, 49.9310,
24.7738

■ 43.9529, 49.9310,
24.7738

■ 42.7968, 49.2891,
19.2392

■ 45.3473, 50.6724,
31.5502

■ 41.8610, 48.7342,
14.8679

■ 46.9893, 51.5117,
39.6346

■ 41.1307, 48.2621,
11.5770


■ 48.8925, 52.4562,
49.0919


■ 40.5880, 47.8657,
9.2718


■ 51.0682, 53.5103,
59.9821


■ 40.2116, 47.5366,
7.8408

■ 53.5270, 54.6783,
72.3615


 39.9682, 47.2612,
7.1077

 56.2791, 55.9642,
86.2833

 39.9322, 47.2173,
7.0092

 59.3342, 57.3720,
101.7982

 59.5949, 57.6627,
102.5968

 59.7119, 57.8965,
102.6357

Harmonies

Analogous

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



50.9916, 49.9310, 24.7077



43.9529, 49.9310, 24.7738



38.4244, 49.9310, 31.3071

Triad

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



43.9529, 49.9310, 24.7738



38.5171, 49.9310, 87.0535



61.8774, 49.9310, 64.8557

Complementary

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



43.9529, 49.9310, 24.7738



24.0706, 21.4463, 53.3229

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.



57.8066, 49.9310, 86.6363



43.9529, 49.9310, 24.7738



44.0914, 49.9310, 101.4560

Square

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



43.9529, 49.9310, 24.7738



35.5052, 49.9310, 65.3259



51.1445, 49.9310, 101.2867



61.8308, 49.9310, 44.7067

Rectangle

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



43.9529, 49.9310, 24.7738



36.1352, 49.9310, 39.6607



51.1445, 49.9310, 101.2867



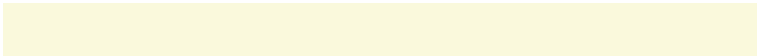
60.9287, 49.9310, 72.3204

Sweetspot

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



43.9541, 49.9333, 24.7748



86.1991, 93.2762, 81.1100



32.0694, 25.9236, 21.5537



18.3959, 19.9629, 16.9200



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.



43.9541, 49.9333, 24.7748



76.9579, 88.4532, 35.9188



36.5926, 46.7885, 24.5558



10.8894, 11.7102, 10.7482



26.5696, 31.4250, 4.6653



1.1555, 1.3727, 0.2041

Inverse Universe

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



24.0706, 21.4463, 53.3229



36.3175, 30.2321, 94.2815



29.4607, 23.8688, 53.5064



9.5496, 9.7905, 12.6713



6.4492, 2.6549, 33.7291



0.2863, 0.1300, 1.4599

Previews

White Background



This preview shows how the XYZ color 43.9529, 49.9310, 24.7738 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 43.9529, 49.9310, 24.7738 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 43.9529, 49.9310, 24.7738

Background



This preview shows how black text looks on a background with the XYZ color 43.9529, 49.9310, 24.7738.



This preview shows how white text looks on a background with the XYZ color 43.9529, 49.9310,

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

43.9529, 49.9310, 24.7738

Protanopia

45.9422, 49.6860, 24.3085

Deuteranopia

50.6843, 49.6529, 25.3250



Tritanopia

51.0489, 49.9980, 59.1846

Trichromacy



Original Color

43.9529, 49.9310, 24.7738

Protanomaly

45.0727, 49.5538, 24.3288

Deuteranomaly

47.8252, 49.3936, 25.1024

Tritanomaly

47.9700, 49.6672, 44.1042

Monochromacy



Original Color

43.9529, 49.9310, 24.7738

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3976, 48.2207, 40.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9529, 49.9310, 24.7738 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, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 119)  
}
```

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, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 119) }
```

Border

The CSS property to change the border of an element to XYZ 43.9529, 49.9310, 24.7738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

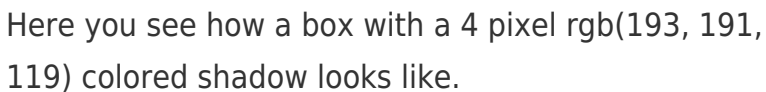
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 191, 119) }
```


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

```
.border{ border-color:rgb(193, 191, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 191, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 191, 119); box-shadow:4px 4px 4px 4px rgb(193, 191, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9529, 49.9310, 24.7738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 119) }
```

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

```
.background{ background-color: rgb(193,  
191, 119) }
```

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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