

Converting Colors

XYZ(43.3473, 49.5897, 29.8047)

Have a look what the booklet for
XYZ(43.3473, 49.5897, 29.8047)
contains.

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Color

**XYZ(43.1836, 49.4219,
29.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	BABF86
RGB	186, 191, 134
RGB Percent	73%, 75%, 53%
CMY	0.2706, 0.2510, 0.4745
CMYK	0.03, 0.00, 0.30, 0.25
HSL	65°, 31%, 64%
HSV	65°, 30%, 75%
XYZ	43.1836, 49.4219, 29.8176
YIQ	183.0070, 15.3170, -18.7870

Conversions

Conversions Part 2

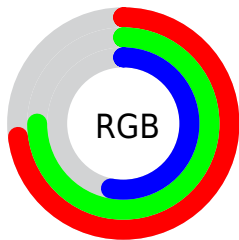
Format	Color
RYB	134, 191, 139
Decimal	12238726
CIELab	75.71, -10.93, 28.25
CIElCh	76, 30.290, 111.157
Yxy	49.4219, 0.3527, 0.4037
Android (android.graphics.Color)	4290428806 (0xFFBABF86)
YUV	183.0070, -24.1605, 2.6249
Hunter-Lab	70.3007, -13.3791, 24.0630

Details

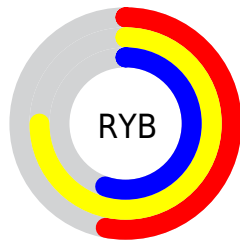
The XYZ color **43.1836, 49.4219, 29.8176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.5783, 26.3020, 52.8635**, and the grayscale version is **45.1371, 47.4877, 51.7141**.

A 20% lighter version of the original color is **79.3000, 89.2071, 60.6161**, and **20.2044, 23.7226, 11.9015** is the 20% darker color. If you saturate the color by 10%, you get **41.5655, 48.7296, 23.4049**, and if you desaturate by 10%, it is **45.0497, 50.2174, 37.4999**.

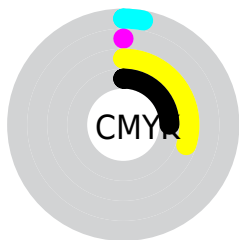
Distribution



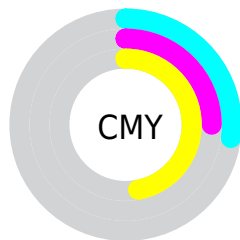
- Red (73%)
- Green (75%)
- Blue (53%)



- Red (53%)
- Yellow (75%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)





- Cyan (27%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1836, 49.4219, 29.8176 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 43.1836, 49.4219, 29.8176 by changing the saturation by 10% instead.


 43.1836, 49.4219,
29.8176


 43.1836, 49.4219,
29.8176


350.2750,
384.4009, 315.2341


 30.2243, 34.9543,
19.4493

 79.2418, 89.3177,
60.4312

 20.1579, 23.6277,
11.8153


 103.0715,
115.5148, 81.5136

 12.6188, 15.0576,
6.4970


 131.2554,
146.3903, 107.0044

 7.2417, 8.8599,
3.0760

164.1588,
182.3289, 137.3222

 3.6614, 4.6499,
1.1335

202.1471,
223.7149, 172.8856

 1.5124, 2.0433,
0.0000

245.5857,

 0.3343, 0.6325,

270.9326, 214.1130

0.0000

294.8399,
324.3665, 261.4230

■ 0.0000, 0.0000,
0.0000

■ 43.1836, 49.4219,
29.8176

■ 43.1836, 49.4219,
29.8176

■ 41.5655, 48.7296,
23.4049

■ 45.0497, 50.2174,
37.4999

■ 40.1785, 48.1286,
18.1904

■ 47.1719, 51.1142,
46.5117

■ 39.0099, 47.6154,
14.1005


■ 49.5629, 52.1190,
56.9131


■ 38.0437, 47.1838,
11.0521


■ 52.2329, 53.2360,
68.7594


■ 37.2620, 46.8265,
8.9508


■ 55.1922, 54.4693,
82.1031


 36.6437, 46.5351,
7.6850


 58.4500, 55.8226,
96.9938

 36.1476, 46.2932,
7.0389

 59.9016, 56.4539,
102.3473

 36.1402, 46.2895,
7.0300

 60.3453, 56.6826,
102.3680

 60.7939, 56.9139,
102.3890

Harmonies

Analogous

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



48.6536, 49.4219, 28.6743



43.1836, 49.4219, 29.8176



39.0559, 49.4219, 36.6537

Triad

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



43.1836, 49.4219, 29.8176



40.5220, 49.4219, 81.6702



58.4717, 49.4219, 58.7073

Complementary

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



43.1836, 49.4219, 29.8176



28.5783, 26.3020, 52.8635

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.



55.8960, 49.4219, 75.6308



43.1836, 49.4219, 29.8176



45.3336, 49.4219, 90.5173

Square

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



43.1836, 49.4219, 29.8176



37.6065, 49.4219, 65.7628



50.9800, 49.4219, 88.1106



57.7807, 49.4219, 43.4046

Rectangle

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



43.1836, 49.4219, 29.8176



37.4780, 49.4219, 44.4295



50.9800, 49.4219, 88.1106



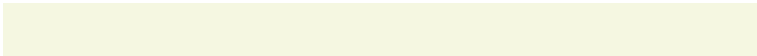
57.9521, 49.4219, 64.4304

Sweetspot

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



43.1849, 49.4241, 29.8186



84.7650, 91.6606, 84.5222



34.9870, 31.1918, 26.7315



18.4830, 20.0728, 17.9986



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.



43.1849, 49.4241, 29.8186



75.3424, 87.6585, 45.4339



36.9871, 46.2290, 29.5286



10.2374, 11.0768, 10.1751



23.7841, 30.4370, 4.6214



0.9561, 1.2049, 0.1822

Inverse Universe

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



28.5783, 26.3020, 52.8635



44.8727, 39.4147, 93.5219



33.9198, 29.0556, 53.1135



9.0921, 9.2643, 11.9812



6.3594, 2.5645, 32.5527



0.2757, 0.1142, 1.2764

Previews

White Background



This preview shows how the XYZ color 43.1836, 49.4219, 29.8176 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 43.1836, 49.4219, 29.8176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

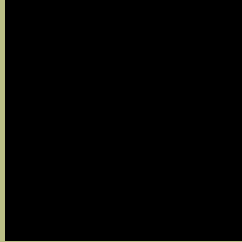
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1836, 49.4219, 29.8176

Background



This preview shows how black text looks on a background with the XYZ color 43.1836, 49.4219, 29.8176.



This preview shows how white text looks on a background with the XYZ color 43.1836, 49.4219,

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

43.1836, 49.4219, 29.8176

Protanopia

45.8112, 49.2013, 28.9121

Deuteranopia

50.4543, 49.4185, 30.5464



Tritanopia

49.2597, 49.3675, 59.7559

Trichromacy



Original Color

43.1836, 49.4219, 29.8176

Protanomaly

44.9818, 49.3957, 29.3538

Deuteranomaly

47.3898, 49.0544, 30.2633

Tritanomaly

46.6847, 49.2502, 47.0901

Monochromacy



Original Color

43.1836, 49.4219, 29.8176

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1176, 48.0248, 42.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1836, 49.4219, 29.8176 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(186, 191, 134)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 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(186, 191, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 134) }
```

Border

The CSS property to change the border of an element to XYZ 43.1836, 49.4219, 29.8176 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(186, 191, 134) }
```


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

```
.border{ border-color:rgb(186, 191, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 191, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 191, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 191, 134);  
box-shadow:4px 4px 4px 4px rgb(186, 191,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1836, 49.4219, 29.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 134) }
```

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

```
.background{ background-color: rgb(186,  
191, 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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