

Converting Colors

XYZ(42.1098, 49.0184, 24.8404)

Have a look what the booklet for
XYZ(42.1098, 49.0184, 24.8404)
contains.

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Color

**XYZ(41.9682, 48.9078,
24.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BF77
RGB	185, 191, 119
RGB Percent	73%, 75%, 47%
CMY	0.2745, 0.2510, 0.5333
CMYK	0.03, 0.00, 0.38, 0.25
HSL	65°, 36%, 61%
HSV	65°, 38%, 75%
XYZ	41.9682, 48.9078, 24.6810
YIQ	180.9980, 19.5360, -23.6640

Conversions

Conversions Part 2

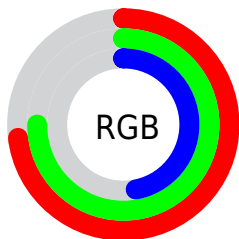
Format	Color
RYB	119, 191, 125
Decimal	12173175
CIELab	75.39, -13.20, 35.63
CIELCh	75, 37.996, 110.324
Yxy	48.9078, 0.3632, 0.4232
Android (android.graphics.Color)	4290363255 (0xFFB9BF77)
YUV	180.9980, -30.5650, 3.5098
Hunter-Lab	69.9341, -15.2650, 28.0294

Details

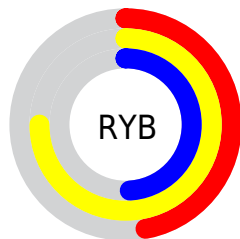
The XYZ color **41.9682, 48.9078, 24.6810** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.4601, 21.3165, 52.1183**, and the grayscale version is **44.0736, 46.3689, 50.4957**.

A 20% lighter version of the original color is **77.3251, 88.3773, 52.0128**, and **19.5227, 23.4319, 9.1241** is the 20% darker color. If you saturate the color by 10%, you get **40.5528, 48.2992, 19.2170**, and if you desaturate by 10%, it is **43.6209, 49.6152, 31.3614**.

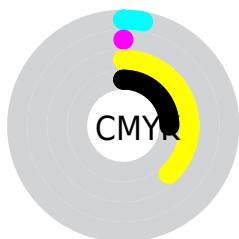
Distribution



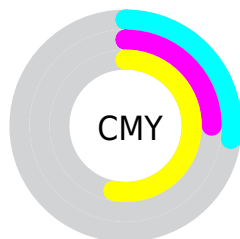
- Red (73%)
- Green (75%)
- Blue (47%)



- Red (47%)
- Yellow (75%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)




- Cyan (27%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9682, 48.9078, 24.6810 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 41.9682, 48.9078, 24.6810 by changing the saturation by 10% instead.


 41.9682, 48.9078,
24.6810

 41.9682, 48.9078,
24.6810


345.3450,
382.3792, 289.6422

 29.2674, 34.5463,
15.6227


 77.4170, 88.5545,
52.0969

 19.4285, 23.3136,
9.1061


 100.8956,
114.6085, 71.2916

 12.0861, 14.8253,
4.7127


 128.6976,
145.3289, 94.7022

 6.8750, 8.6968,
2.0239

161.1883,
181.1000, 122.7472

 3.4297, 4.5440,
0.5699

198.7330,
222.3061, 155.8452

 1.3848, 1.9823,
0.0000

241.6971,

 0.2454, 0.5971,

269.3318, 194.4146

0.0000

290.4460,
322.5614, 238.8741

■ 0.0000, 0.0000,
0.0000

■ 41.9682, 48.9078,
24.6810

■ 41.9682, 48.9078,
24.6810

■ 40.5528, 48.2992,
19.2170

■ 43.6209, 49.6152,
31.3614

■ 39.3572, 47.7773,
14.8932

■ 45.5199, 50.4200,
39.3222

■ 38.3672, 47.3382,
11.6295


■ 47.6784, 51.3290,
48.6266


■ 37.5653, 46.9747,
9.3344


■ 50.1074, 52.3468,
59.3327


■ 36.9312, 46.6789,
7.9006


■ 52.8173, 53.4774,
71.4952


 36.4348, 46.4387,
7.1696

 55.8180, 54.7248,
85.1659

 36.3281, 46.3865,
7.0388

 59.1187, 56.0928,
100.3940

 59.9029, 56.4546,
102.3473

 60.3243, 56.6719,
102.3671

Harmonies

Analogous

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



48.7829, 48.9078, 23.5893



41.9682, 48.9078, 24.6810



36.8822, 48.9078, 32.2501

Triad

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



41.9682, 48.9078, 24.6810



38.4158, 48.9078, 88.7449



61.0456, 48.9078, 59.9926

Complementary

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



41.9682, 48.9078, 24.6810



24.4601, 21.3165, 52.1183

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.



57.6257, 48.9078, 81.8269



41.9682, 48.9078, 24.6810



44.2612, 48.9078, 100.9682

Square

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



41.9682, 48.9078, 24.6810



34.9784, 48.9078, 67.7844



51.3156, 48.9078, 98.1601



60.2741, 48.9078, 40.9615

Rectangle

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



41.9682, 48.9078, 24.6810



34.9353, 48.9078, 41.3066



51.3156, 48.9078, 98.1601



60.3360, 48.9078, 67.3040

Sweetspot

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



41.9694, 48.9100, 24.6820



83.9894, 91.3377, 81.0117



32.1509, 27.0768, 20.9853



18.3256, 20.0074, 17.2812



92.9021, 97.7402, 106.4391



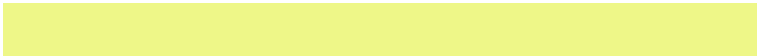
19.4759, 20.4902, 22.3138

Same Dimension

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



41.9694, 48.9100, 24.6820



73.0974, 86.7034, 36.1912



34.3568, 44.9856, 24.3258



10.2416, 11.0790, 10.1753



23.9061, 30.4999, 4.6271



0.9598, 1.2068, 0.1823

Inverse Universe

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



24.4601, 21.3165, 52.1183



37.3871, 30.4066, 92.1777



30.7003, 24.5335, 52.4104



9.0883, 9.2624, 11.9810



6.3489, 2.5590, 32.5522



0.2740, 0.1133, 1.2763

Previews

White Background



This preview shows how the XYZ color 41.9682, 48.9078, 24.6810 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 41.9682, 48.9078, 24.6810 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 41.9682, 48.9078, 24.6810

Background



This preview shows how black text looks on a background with the XYZ color 41.9682, 48.9078, 24.6810.



This preview shows how white text looks on a background with the XYZ color 41.9682, 48.9078,

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

41.9682, 48.9078, 24.6810

Protanopia

45.1269, 48.9587, 23.9012

Deuteranopia

49.6664, 48.5374, 25.1633



Tritanopia

48.9399, 48.9108, 59.0859

Trichromacy



Original Color

41.9682, 48.9078, 24.6810

Protanomaly

44.0182, 49.0102, 24.2795

Deuteranomaly

46.4736, 48.3917, 24.9803

Tritanomaly

45.9027, 48.6014, 44.0075

Monochromacy



Original Color

41.9682, 48.9078, 24.6810

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.8119, 47.1116, 39.1848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9682, 48.9078, 24.6810 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(185, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 119) }
```

Border

The CSS property to change the border of an element to XYZ 41.9682, 48.9078, 24.6810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

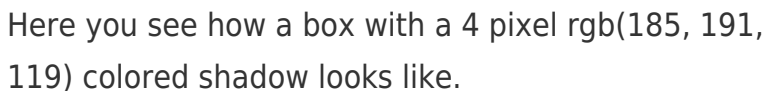
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 191, 119) }
```


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

```
.border{ border-color:rgb(185, 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(185, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 191, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 191, 119); box-shadow:4px 4px 4px 4px rgb(185, 191, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9682, 48.9078, 24.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 119) }
```

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

```
.background{ background-color: rgb(185,  
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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