

Converting Colors

XYZ(41.6431, 47.0527, 30.8376)

Have a look what the booklet for
XYZ(41.6431, 47.0527, 30.8376)
contains.

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Color

**XYZ(41.6748, 47.0201,
30.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BA8A
RGB	183, 186, 138
RGB Percent	72%, 73%, 54%
CMY	0.2824, 0.2706, 0.4588
CMYK	0.02, 0.00, 0.26, 0.27
HSL	64°, 26%, 64%
HSV	64°, 26%, 73%
XYZ	41.6748, 47.0201, 30.9240
YIQ	179.6310, 13.6200, -15.5640

Conversions

Conversions Part 2

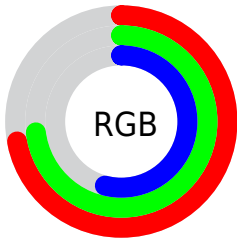
Format	Color
RYB	138, 186, 141
Decimal	12040842
CIELab	74.20, -8.95, 24.06
CIElCh	74, 25.669, 110.411
Yxy	47.0201, 0.3484, 0.3931
Android (android.graphics.Color)	4290230922 (0xFFB7BA8A)
YUV	179.6310, -20.5241, 2.9546
Hunter-Lab	68.5712, -11.5145, 21.2614

Details

The XYZ color **41.6748, 47.0201, 30.9240** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.9377, 27.3860, 50.2179**, and the grayscale version is **43.2870, 45.5413, 49.5945**.

A 20% lighter version of the original color is **76.8632, 85.6608, 62.3522**, and **19.2022, 22.1468, 12.4952** is the 20% darker color. If you saturate the color by 10%, you get **40.1666, 46.3866, 24.4158**, and if you desaturate by 10%, it is **43.4184, 47.7513, 38.6490**.

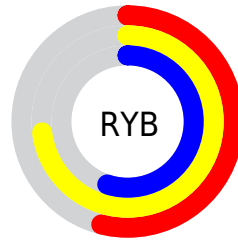
Distribution



Red (72%)

Green (73%)

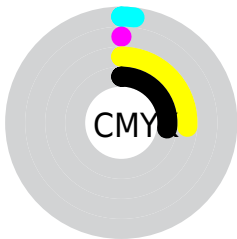
Blue (54%)



Red (54%)

Yellow (73%)

Blue (55%)

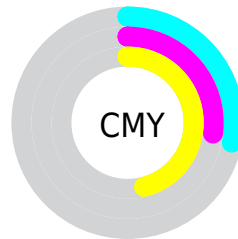


Cyan (2%)

Magenta (0%)

Yellow (26%)

Black (27%)



Cyan (28%)


Magenta (27%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6748, 47.0201, 30.9240 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 41.6748, 47.0201, 30.9240 by changing the saturation by 10% instead.


 41.6748, 47.0201,
30.9240

 41.6748, 47.0201,
30.9240


344.1477,
374.8948, 320.5284


 29.0367, 33.0515,
20.2830


 76.9755, 85.7436,
62.1986

 19.2530, 22.1659,
12.4148


 100.3688,
111.2674, 83.6692

 11.9583, 13.9789,
6.9009


 128.0779,
141.4117, 109.5868

 6.7873, 8.1060,
3.3227

160.4681,
176.5609, 140.3700

 3.3746, 4.1628,
1.2617

197.9049,
217.0994, 176.4372

 1.3548, 1.7651,
0.0301

240.7535,

 0.2237, 0.4653,

263.4116, 218.2069

0.0000

289.3793,
315.8819, 266.0978

■ 0.0000, 0.0000,
0.0000

■ 41.6748, 47.0201,
30.9240

■ 41.6748, 47.0201,
30.9240

■ 40.1666, 46.3866,
24.4158

■ 43.4184, 47.7513,
38.6490

■ 38.8784, 45.8397,
19.0596

■ 45.4047, 48.5782,
47.6453

■ 37.7985, 45.3764,
14.7890


■ 47.6451, 49.5070,
57.9677


■ 36.9130, 44.9911,
11.5296


■ 50.1492, 50.5416,
69.6669


■ 36.2059, 44.6775,
9.1979


■ 52.9263, 51.6856,
82.7911

 35.6588, 44.4281,
7.6969

 55.9849, 52.9425,
97.3859

 35.2484, 44.2337,
6.9041

 57.1334, 53.4356,
101.9106

 35.0965, 44.1603,
6.6740

 57.4277, 53.5873,
101.9244

 57.7243, 53.7402,
101.9382

Harmonies

Analogous

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



46.1820, 47.0201, 30.0483



41.6748, 47.0201, 30.9240



38.2111, 47.0201, 36.6814

Triad

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



41.6748, 47.0201, 30.9240



39.2843, 47.0201, 73.3226



53.9995, 47.0201, 55.5371

Complementary

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



41.6748, 47.0201, 30.9240



28.9377, 27.3860, 50.2179

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.



51.8654, 47.0201, 69.1109



41.6748, 47.0201, 30.9240



43.2328, 47.0201, 80.4813

Square

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



41.6748, 47.0201, 30.9240



36.8981, 47.0201, 60.5562



47.8497, 47.0201, 78.8201



53.5109, 47.0201, 42.8553

Rectangle

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



41.6748, 47.0201, 30.9240



36.8599, 47.0201, 43.1592



47.8497, 47.0201, 78.8201



53.5598, 47.0201, 60.1752

Sweetspot

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



41.6760, 47.0222, 30.9250



81.4166, 87.6812, 82.3532



34.2753, 31.1485, 28.2511



17.8062, 19.2577, 17.5762



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.6760, 47.0222, 30.9250



73.9246, 84.5481, 49.0564



36.5655, 44.3876, 30.6858



9.6932, 10.4740, 9.6177



23.6342, 29.7202, 4.4909



0.8500, 1.0564, 0.1591

Inverse Universe

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



28.9377, 27.3860, 50.2179



46.8922, 42.8732, 90.0053



33.3454, 29.6583, 50.4242



8.5718, 8.7456, 11.3157



6.0846, 2.4479, 31.4049



0.2322, 0.0954, 1.1079

Previews

White Background



This preview shows how the XYZ color 41.6748, 47.0201, 30.9240 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 41.6748, 47.0201, 30.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

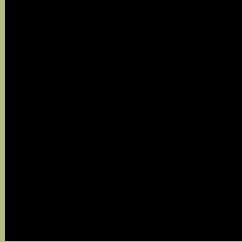
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6748, 47.0201, 30.9240

Background



This preview shows how black text looks on a background with the XYZ color 41.6748, 47.0201, 30.9240.



This preview shows how white text looks on a background with the XYZ color 41.6748, 47.0201,

30.9240.

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

41.6748, 47.0201, 30.9240

Protanopia

43.6776, 46.8356, 30.0307

Deuteranopia

47.7952, 46.8495, 31.3347



Tritanopia

46.9809, 47.0376, 57.0551

Trichromacy



Original Color

41.6748, 47.0201, 30.9240

Protanomaly

42.9347, 46.7495, 30.4276

Deuteranomaly

45.4089, 46.8008, 31.0662

Tritanomaly

44.7643, 47.0378, 46.2550

Monochromacy



Original Color

41.6748, 47.0201, 30.9240

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.5755, 45.9963, 42.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6748, 47.0201, 30.9240 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(183, 186, 138)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 138)  
}
```

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(183, 186, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 138) }
```

Border

The CSS property to change the border of an element to XYZ 41.6748, 47.0201, 30.9240 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(183, 186, 138) }
```


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

```
.border{ border-color:rgb(183, 186, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 186, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 138);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6748, 47.0201, 30.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 138) }
```

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

```
.background{ background-color: rgb(183,  
186, 138) }
```

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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