

Converting Colors

XYZ(41.8411, 48.0539, 31.1148)

Have a look what the booklet for
XYZ(41.8411, 48.0539, 31.1148)
contains.

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Color

**XYZ(41.8411, 48.0539,
31.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BD8A
RGB	181, 189, 138
RGB Percent	71%, 74%, 54%
CMY	0.2902, 0.2588, 0.4588
CMYK	0.04, 0.00, 0.27, 0.26
HSL	69°, 28%, 64%
HSV	69°, 27%, 74%
XYZ	41.8411, 48.0539, 31.1148
YIQ	180.7940, 11.6030, -17.5570

Conversions

Conversions Part 2

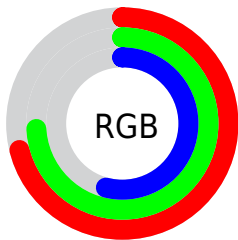
Format	Color
R _Y B	138, 189, 146
Decimal	11910538
CIE Lab	74.86, -11.28, 24.92
CIE LCh	75, 27.352, 114.347
Yxy	48.0539, 0.3458, 0.3971
Android (android.graphics.Color)	4290100618 (0xFFB5BD8A)
YUV	180.7940, -21.0974, 0.1807
Hunter-Lab	69.3209, -13.5716, 21.9122

Details

The XYZ color **41.8411, 48.0539, 31.1148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1296, 27.9633, 51.9562**, and the grayscale version is **43.9167, 46.2038, 50.3159**.

A 20% lighter version of the original color is **77.0919, 87.1151, 62.6209**, and **19.4677, 22.9021, 12.6270** is the 20% darker color. If you saturate the color by 10%, you get **39.9024, 47.2006, 24.4922**, and if you desaturate by 10%, it is **44.0352, 49.0144, 38.9943**.

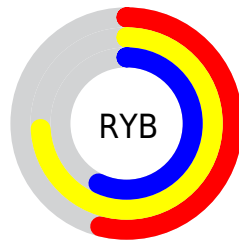
Distribution



Red (71%)

Green (74%)

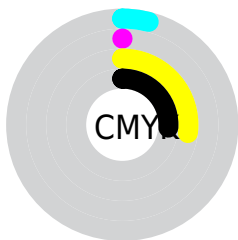
Blue (54%)



Red (54%)

Yellow (74%)

Blue (57%)

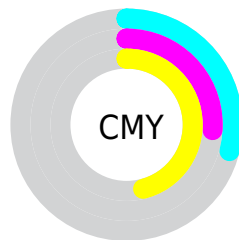


Cyan (4%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8411, 48.0539, 31.1148 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 41.8411, 48.0539, 31.1148 by changing the saturation by 10% instead.

■ 41.8411, 48.0539,
31.1148

■ 41.8411, 48.0539,
31.1148

344.8267,
379.0057, 321.4344

■ 29.1675, 33.8696,
20.4271

■ 77.2258, 87.2847,
62.5025

■ 19.3525, 22.7934,
12.5187

■ 100.6675,
113.0999, 84.0395

■ 12.0307, 14.4410,
6.9712

■ 128.4293,
143.5608, 110.0300

■ 6.8370, 8.4281,
3.3659

160.8765,
179.0519, 140.8926

■ 3.4058, 4.3701,
1.2844

198.3745,
219.9576, 177.0458

■ 1.3718, 1.8826,
0.0489

241.2886,

■ 0.2360, 0.5379,

266.6622, 218.9082

0.0000

289.9842,
319.5501, 266.8982

■ 0.0000, 0.0000,
0.0000

■ 41.8411, 48.0539,
31.1148

■ 41.8411, 48.0539,
31.1148

■ 39.9024, 47.2006,
24.4922

■ 44.0352, 49.0144,
38.9943

■ 38.2031, 46.4430,
19.0585

■ 46.4926, 50.0803,
48.1880

■ 36.7307, 45.7780,
14.7439

■ 49.2253, 51.2580,
58.7533

■ 35.4705, 45.1995,
11.4700

■ 52.2436, 52.5517,
70.7432

■ 34.4054, 44.7006,
9.1486

■ 55.5569, 53.9652,
84.2080

■ 33.5157, 44.2737,
7.6764

■ 59.1745, 55.5022,
99.1956

■ 32.7745, 43.9078,
6.9113

■ 60.5418, 56.1408,
102.2531

■ 32.5648, 43.8033,
6.7385

■ 61.3509, 56.5579,
102.2910

■ 62.1756, 56.9830,
102.3296

Harmonies

Analogous

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



46.6229, 48.0539, 29.5137



41.8411, 48.0539, 31.1148



38.3309, 48.0539, 37.9187

Triad

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



41.8411, 48.0539, 31.1148



40.3200, 48.0539, 77.9009



55.8740, 48.0539, 55.0687

Complementary

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



41.8411, 48.0539, 31.1148



30.1296, 27.9633, 51.9562

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.



53.8993, 48.0539, 69.9778



41.8411, 48.0539, 31.1148



44.7377, 48.0539, 84.6088

Square

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



41.8411, 48.0539, 31.1148



37.4983, 48.0539, 64.4541



49.7337, 48.0539, 81.4739



54.9587, 48.0539, 41.8176

Rectangle

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



41.8411, 48.0539, 31.1148



37.0649, 48.0539, 45.2710



49.7337, 48.0539, 81.4739



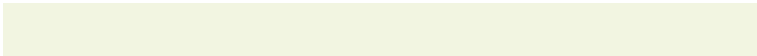
55.5220, 48.0539, 60.0707

Sweetspot

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



41.8423, 48.0560, 31.1158



82.7362, 89.4608, 84.2958



35.8003, 33.1051, 28.5485



17.6443, 19.1742, 17.5686



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.



41.8423, 48.0560, 31.1158



72.9608, 85.1948, 48.8987



36.4680, 45.2855, 30.8643



10.1712, 11.0427, 10.1720



21.9624, 29.4979, 4.5361



0.9005, 1.1762, 0.1796

Inverse Universe

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



30.1296, 27.9633, 51.9562



48.7061, 43.5767, 92.0703



35.1026, 30.5270, 52.1889



9.1522, 9.2953, 11.9840



6.5764, 2.6764, 32.5629



0.3022, 0.1278, 1.2776

Previews

White Background



This preview shows how the XYZ color 41.8411, 48.0539, 31.1148 looks on a white background.

Color Contrast Check

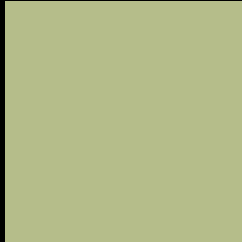
Large Text (above 18pt) WCAG AA × Fail

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 41.8411, 48.0539, 31.1148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

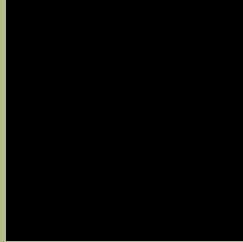
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8411, 48.0539, 31.1148

Background



This preview shows how black text looks on a background with the XYZ color 41.8411, 48.0539, 31.1148.



This preview shows how white text looks on a background with the XYZ color 41.8411, 48.0539,

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

41.8411, 48.0539, 31.1148

Protanopia

44.8731, 48.0643, 30.2048

Deuteranopia

48.8488, 47.9663, 31.8831



Tritanopia

47.4739, 47.8521, 58.9588

Trichromacy



Original Color

41.8411, 48.0539, 31.1148

Protanomaly

43.8125, 48.1304, 30.6478

Deuteranomaly

45.8861, 47.6377, 31.5875

Tritanomaly

45.1281, 47.8152, 47.4082

Monochromacy



Original Color

41.8411, 48.0539, 31.1148

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.9881, 46.8213, 42.3690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8411, 48.0539, 31.1148 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(181, 189, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 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(181, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 138) }
```

Border

The CSS property to change the border of an element to XYZ 41.8411, 48.0539, 31.1148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

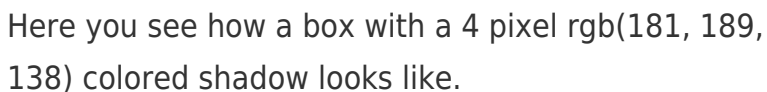
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 189, 138) }
```


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

```
.border{ border-color:rgb(181, 189, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 189, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 189, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 189, 138); box-shadow:4px 4px 4px 4px rgb(181, 189, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8411, 48.0539, 31.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 138) }
```

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

```
.background{ background-color: rgb(181,  
189, 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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