

Converting Colors

XYZ(41.1888, 47.2099, 31.2062)

Have a look what the booklet for
XYZ(41.1888, 47.2099, 31.2062)
contains.

| | |
|--|----|
| XYZ(41.0209, 46.9884, 31.3337) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(41.0209, 46.9884,
31.3337)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B3BB8B |
| RGB | 179, 187, 139 |
| RGB Percent | 70%, 73%, 55% |
| CMY | 0.2980, 0.2666, 0.4549 |
| CMYK | 0.04, 0.00, 0.26, 0.27 |
| HSL | 70°, 26%, 64% |
| HSV | 70°, 26%, 73% |
| XYZ | 41.0209, 46.9884, 31.3337 |
| YIQ | 179.1360, 10.6400, -16.6240 |

Conversions

Conversions Part 2

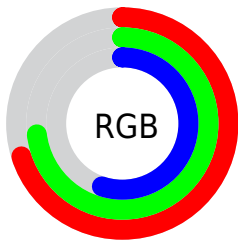
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 139, 187, 147 |
| Decimal | 11778955 |
| CIELab | 74.18, -10.86, 23.44 |
| CIELCh | 74, 25.838, 114.858 |
| Yxy | 46.9884, 0.3437, 0.3937 |
| Android (android.graphics.Color) | 4289969035 (0xFFB3BB8B) |
| YUV | 179.1360, -19.7870, -0.1193 |
| Hunter-Lab | 68.5481, -13.1403, 20.8819 |

Details

The XYZ color **41.0209, 46.9884, 31.3337** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.2367, 28.2574, 50.8769**, and the grayscale version is **43.0195, 45.2598, 49.2880**.

A 20% lighter version of the original color is **75.9372, 85.6136, 62.9748**, and **18.9325, 22.2071, 12.7397** is the 20% darker color. If you saturate the color by 10%, you get **39.0576, 46.1224, 24.7092**, and if you desaturate by 10%, it is **43.2367, 47.9605, 39.1920**.

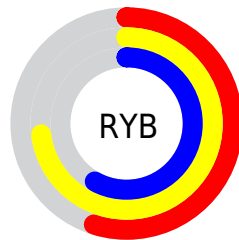
Distribution



Red (70%)

Green (73%)

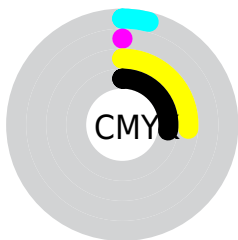
Blue (55%)



Red (55%)

Yellow (73%)

Blue (58%)

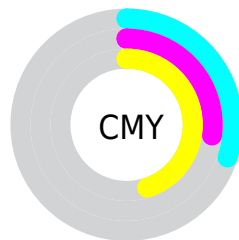


Cyan (4%)

Magenta (0%)

Yellow (26%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0209, 46.9884, 31.3337 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 41.0209, 46.9884, 31.3337 by changing the saturation by 10% instead.

■ 41.0209, 46.9884,
31.3337

■ 41.0209, 46.9884,
31.3337

341.4691,
374.7682, 322.4714

■ 28.5232, 33.0265,
20.5925

■ 75.9901, 85.6963,
62.8508

■ 18.8629, 22.1467,
12.6381

■ 99.1923, 111.2111,
84.4638

■ 11.6746, 13.9648,
7.0520

■ 126.6934,
141.3456, 110.5377

■ 6.5932, 8.0962,
3.4157

158.8587,
176.4843, 141.4912

■ 3.2530, 4.1565,
1.3106

196.0535,
217.0115, 177.7428

■ 1.2890, 1.7615,
0.0705

238.6433,

■ 0.1749, 0.4630,

263.3116, 219.7110

0.0000

286.9933,
315.7691, 267.8144

■ 0.0000, 0.0000,
0.0000

■ 41.0209, 46.9884,
31.3337

■ 41.0209, 46.9884,
31.3337

■ 39.0576, 46.1224,
24.7092

■ 43.2367, 47.9605,
39.1920

■ 37.3312, 45.3514,
19.2529

■ 45.7124, 49.0369,
48.3392

■ 35.8299, 44.6722,
14.8976

■ 48.4599, 50.2239,
58.8309

■ 34.5391, 44.0792,
11.5681

■ 51.4889, 51.5254,
70.7185

■ 33.4428, 43.5657,
9.1797

■ 54.8087, 52.9452,
84.0505

■ 32.5223, 43.1244,
7.6345

■ 58.4284, 54.4869,
98.8733

■ 31.7541, 42.7459,
6.8097

■ 59.8624, 55.1563,
102.0989

■ 31.4473, 42.5928,
6.5638

■ 60.7084, 55.5924,
102.1385

■ 61.5714, 56.0373,
102.1789

Harmonies

Analogous

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



45.4640, 46.9884, 29.7316



41.0209, 46.9884, 31.3337



37.7671, 46.9884, 37.8406

Triad

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



41.0209, 46.9884, 31.3337



39.7284, 46.9884, 74.9818



54.1313, 46.9884, 53.4825

Complementary

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



41.0209, 46.9884, 31.3337



30.2367, 28.2574, 50.8769

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.



52.3467, 46.9884, 67.2927



41.0209, 46.9884, 31.3337



43.8676, 46.9884, 81.0019

Square

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



41.0209, 46.9884, 31.3337



37.0579, 46.9884, 62.6508



48.5105, 46.9884, 77.9700



53.2390, 46.9884, 41.1720

Rectangle

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



41.0209, 46.9884, 31.3337



36.6041, 46.9884, 44.7850



48.5105, 46.9884, 77.9700



53.8212, 46.9884, 58.1181

Sweetspot

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



41.0221, 46.9905, 31.3347



80.7312, 87.3278, 82.3211



35.5890, 33.2976, 28.9781



17.6276, 19.1656, 17.5678



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.



41.0221, 46.9905, 31.3347



71.3616, 83.2269, 48.9364



35.9497, 44.3756, 31.0973



10.1619, 11.0378, 10.1716



21.7187, 29.3723, 4.5247



0.8929, 1.1723, 0.1792

Inverse Universe

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



30.2367, 28.2574, 50.8769



48.6580, 43.7835, 90.0879



34.9984, 30.7121, 51.0997



9.1608, 9.2998, 11.9844



6.6155, 2.6965, 32.5647



0.3060, 0.1298, 1.2778

Previews

White Background



This preview shows how the XYZ color 41.0209, 46.9884, 31.3337 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 41.0209, 46.9884, 31.3337 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

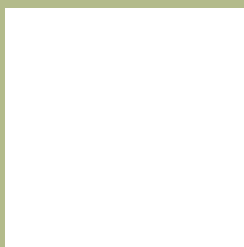
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0209, 46.9884, 31.3337

Background



This preview shows how black text looks on a background with the XYZ color 41.0209, 46.9884, 31.3337.



This preview shows how white text looks on a background with the XYZ color 41.0209, 46.9884,

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

41.0209, 46.9884, 31.3337

Protanopia

43.7490, 46.8641, 30.4068

Deuteranopia

47.6530, 46.7591, 32.1050



Tritanopia

46.3086, 46.9767, 57.6656

Trichromacy



Original Color

41.0209, 46.9884, 31.3337

Protanomaly

42.7142, 46.9348, 30.8528

Deuteranomaly

45.0152, 46.5808, 31.8177

Tritanomaly

44.1019, 46.9902, 46.7900

Monochromacy



Original Color

41.0209, 46.9884, 31.3337

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.0192, 45.7199, 41.7321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0209, 46.9884, 31.3337 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(179, 187, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 139)  
}
```

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(179, 187, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 139) }
```

Border

The CSS property to change the border of an element to XYZ 41.0209, 46.9884, 31.3337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

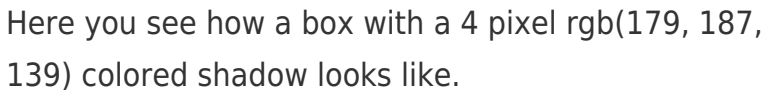
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 187, 139) }
```


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

```
.border{ border-color:rgb(179, 187, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 187, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 139);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0209, 46.9884, 31.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 139) }
```

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

```
.background{ background-color: rgb(179,  
187, 139) }
```

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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