

Converting Colors

XYZ(41.2046, 46.1397, 24.6958)

Have a look what the booklet for
XYZ(41.2046, 46.1397, 24.6958)
contains.

| | |
|--|----|
| XYZ(41.3307, 46.3528, 24.8578) | 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(41.3307, 46.3528,
24.8578)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BCB879 |
| RGB | 188, 184, 121 |
| RGB Percent | 74%, 72%, 47% |
| CMY | 0.2627, 0.2784, 0.5255 |
| CMYK | 0.00, 0.02, 0.36, 0.26 |
| HSL | 56°, 33%, 61% |
| HSV | 56°, 36%, 74% |
| XYZ | 41.3307, 46.3528, 24.8578 |
| YIQ | 178.0140, 22.6070, -18.7450 |

Conversions

Conversions Part 2

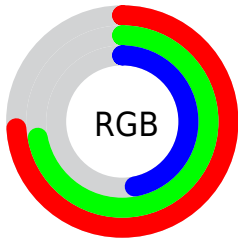
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 125, 188, 121 |
| Decimal | 12367993 |
| CIELab | 73.77, -8.15, 32.55 |
| CIELCh | 74, 33.552, 104.062 |
| Yxy | 46.3528, 0.3672, 0.4119 |
| Android (android.graphics.Color) | 4290558073 (0xFFBCB879) |
| YUV | 178.0140, -28.1079, 8.7577 |
| Hunter-Lab | 68.0829, -10.7841, 26.0106 |

Details

The XYZ color **41.3307, 46.3528, 24.8578** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.2958, 22.3624, 50.6128**, and the grayscale version is **42.4610, 44.6722, 48.6481**.

A 20% lighter version of the original color is **76.4563, 84.7886, 52.3806**, and **19.0851, 21.7559, 9.1546** is the 20% darker color. If you saturate the color by 10%, you get **40.0569, 45.4738, 19.2890**, and if you desaturate by 10%, it is **42.8334, 47.3296, 31.6124**.

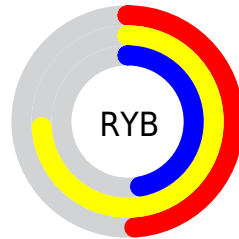
Distribution



Red (74%)

Green (72%)

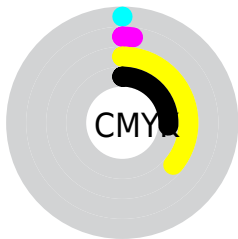
Blue (47%)



Red (49%)

Yellow (74%)

Blue (47%)

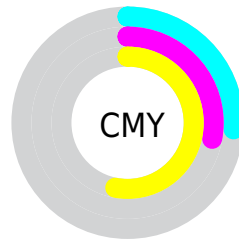


Cyan (0%)

Magenta (2%)

Yellow (36%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3307, 46.3528, 24.8578 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 41.3307, 46.3528, 24.8578 by changing the saturation by 10% instead.


 41.3307, 46.3528,
24.8578


 41.3307, 46.3528,
24.8578


342.7399,
372.2252, 290.5540

 28.7664, 32.5243,
15.7531


 76.4572, 84.7467,
52.3877

 19.0476, 21.7623,
9.1971


 99.7501, 110.0810,
71.6500

 11.8089, 13.6823,
4.7714


 127.3499,
140.0193, 95.1352

 6.6849, 7.9001,
2.0574

159.6219,
174.9460, 123.2618

 3.3104, 4.0311,
0.5902

196.9316,
215.2456, 156.4485

 1.3200, 1.6910,
0.0000

239.6443,

 0.1981, 0.4178,

261.3024, 195.1137

0.0000

288.1252,
313.5008, 239.6761

■ 0.0000, 0.0000,
0.0000

■ 41.3307, 46.3528,
24.8578

■ 41.3307, 46.3528,
24.8578

■ 40.0569, 45.4738,
19.2890

■ 42.8334, 47.3296,
31.6124

■ 38.9954, 44.6810,
14.8342

■ 44.5735, 48.4027,
39.6135

■ 38.1328, 43.9707,
11.4182


■ 46.5635, 49.5788,
48.9209


■ 37.4529, 43.3364,
8.9551


■ 48.8137, 50.8619,
59.5897


■ 36.9369, 42.7706,
7.3458


■ 51.3342, 52.2560,
71.6721


 36.5612, 42.2638,
6.4663

 54.1341, 53.7650,
85.2173

 36.4196, 42.0526,
6.1974

 57.2225, 55.3923,
100.2722

 57.8531, 56.0395,
102.3753

 58.1018, 56.5369,
102.4582

Harmonies

Analogous

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



47.2795, 46.3528, 25.0317



41.3307, 46.3528, 24.8578



36.5580, 46.3528, 30.3682

Triad

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



41.3307, 46.3528, 24.8578



36.3241, 46.3528, 76.9093



56.0210, 46.3528, 60.0303

Complementary

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



41.3307, 46.3528, 24.8578



24.2958, 22.3624, 50.6128

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.



52.5171, 46.3528, 77.9202



41.3307, 46.3528, 24.8578



40.9843, 46.3528, 89.0655

Square

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



41.3307, 46.3528, 24.8578



33.8489, 46.3528, 58.8723



46.9005, 46.3528, 89.4724



56.1351, 46.3528, 42.9084

Rectangle

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



41.3307, 46.3528, 24.8578



34.5338, 46.3528, 37.4323



46.9005, 46.3528, 89.4724



55.1873, 46.3528, 66.2307

Sweetspot

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



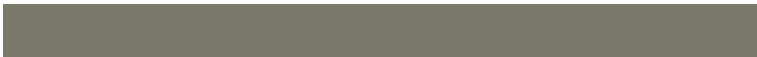
41.3319, 46.3549, 24.8588



82.3334, 88.6493, 79.0135



31.3083, 25.8593, 22.9005



17.6021, 19.0023, 16.5092



90.7827, 95.5105, 104.0109



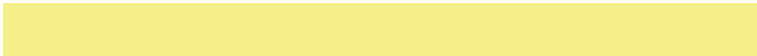
18.6292, 19.5994, 21.3438

Same Dimension

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



41.3319, 46.3549, 24.8588



73.0130, 82.7104, 36.7485



35.7262, 44.7146, 24.8376



10.2722, 11.0204, 10.1624



24.8159, 28.6706, 4.2260



0.9870, 1.1529, 0.1705

Inverse Universe

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



24.2958, 22.3624, 50.6128



37.4382, 32.6157, 90.5485



28.4987, 23.7934, 50.6675



9.0610, 9.3142, 11.9925



6.2825, 2.6767, 32.5784



0.2619, 0.1364, 1.2814

Previews

White Background



This preview shows how the XYZ color 41.3307, 46.3528, 24.8578 looks on a white background.

Color Contrast Check

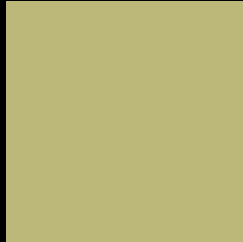
Large Text (above 18pt) WCAG AA × Fail

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 41.3307, 46.3528, 24.8578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

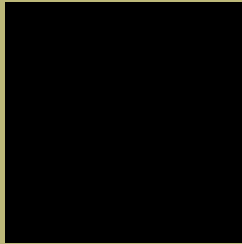
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

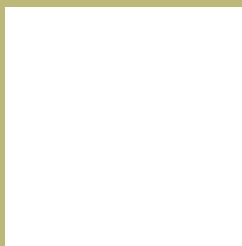
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3307, 46.3528, 24.8578

Background



This preview shows how black text looks on a background with the XYZ color 41.3307, 46.3528, 24.8578.



This preview shows how white text looks on a background with the XYZ color 41.3307, 46.3528, 24.8578.

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

41.3307, 46.3528, 24.8578

Protanopia

42.9400, 46.2741, 24.4379

Deuteranopia

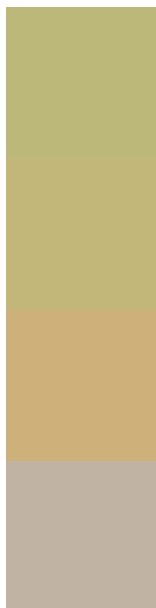
47.1340, 46.0689, 25.1469



Tritanopia

47.4756, 46.4606, 54.6097

Trichromacy



Original Color

41.3307, 46.3528, 24.8578

Protanomaly

42.3662, 46.2813, 24.4695

Deuteranomaly

44.6886, 45.9712, 24.9303

Tritanomaly

44.8133, 46.2580, 41.6887

Monochromacy



Original Color

41.3307, 46.3528, 24.8578

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6985, 45.0219, 38.3906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3307, 46.3528, 24.8578 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(188, 184, 121)` looks like.

```
.text, #text, p{  
    color:rgb(188, 184, 121)  
}
```

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(188, 184, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 121) }
```

Border

The CSS property to change the border of an element to XYZ 41.3307, 46.3528, 24.8578 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(188, 184, 121) }
```


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

```
.border{ border-color:rgb(188, 184, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 184, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 121);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3307, 46.3528, 24.8578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 121) }
```

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

```
.background{ background-color: rgb(188,  
184, 121) }
```

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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