

Converting Colors

XYZ(46.4162, 49.2755, 41.8091)

Have a look what the booklet for
XYZ(46.4162, 49.2755, 41.8091)
contains.

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Color

**XYZ(46.4179, 49.2315,
41.7065)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C2BAA3 |
| RGB | 194, 186, 163 |
| RGB Percent | 76%, 73%, 64% |
| CMY | 0.2392, 0.2706, 0.3608 |
| CMYK | 0.00, 0.04, 0.16, 0.24 |
| HSL | 45°, 20%, 70% |
| HSV | 45°, 16%, 76% |
| XYZ | 46.4179, 49.2315, 41.7065 |
| YIQ | 185.7700, 12.1510, -5.4570 |

Conversions

Conversions Part 2

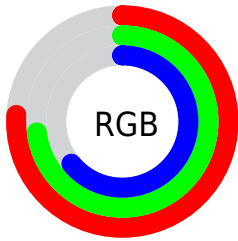
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 174, 194, 163 |
| Decimal | 12761763 |
| CIELab | 75.60, -1.06, 12.67 |
| CIELCh | 76, 12.718, 94.772 |
| Yxy | 49.2315, 0.3379, 0.3584 |
| Android (android.graphics.Color) | 4290951843 (0xFFC2BAA3) |
| YUV | 185.7700, -11.2256, 7.2177 |
| Hunter-Lab | 70.1652, -4.7020, 13.8734 |

Details

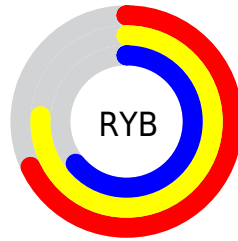
The XYZ color **46.4179, 49.2315, 41.7065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.4046, 40.8065, 56.8389**, and the grayscale version is **46.6006, 49.0274, 53.3909**.

A 20% lighter version of the original color is **84.1907, 89.0754, 79.0856**, and **22.0720, 23.4982, 18.4112** is the 20% darker color. If you saturate the color by 10%, you get **43.7760, 46.5190, 32.8980**, and if you desaturate by 10%, it is **49.3661, 52.1289, 51.9339**.

Distribution



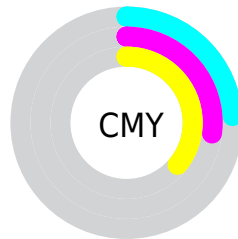
- Red (76%)
- Green (73%)
- Blue (64%)



- Red (68%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4179, 49.2315, 41.7065 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 46.4179, 49.2315, 41.7065 by changing the saturation by 10% instead.


 46.4179, 49.2315,
41.7065


 46.4179, 49.2315,
41.7065

363.1740,
383.6530, 369.0285

 32.7817, 34.8032,
28.5477


 84.0681, 89.0352,
79.0205

 22.1177, 23.5113,
18.4963


 108.8129,
115.1793, 104.0128

 14.0605, 14.9715,
11.1338


137.9912,
145.9975, 133.7867

 8.2448, 8.7994,
6.0416

171.9685,
181.8741, 168.7607

 4.3051, 4.6106,
2.8012

211.1101,
223.1936, 209.3533

 1.8761, 2.0206,
0.9940

255.7813,

 0.5629, 0.6194,

270.3403, 255.9831

0.0000

306.3475,
323.6986, 309.0687

■ 0.0000, 0.0000,
0.0000

■ 46.4179, 49.2315,
41.7065

■ 46.4179, 49.2315,
41.7065

■ 43.7760, 46.5190,
32.8980

■ 49.3661, 52.1289,
51.9339

■ 41.4239, 43.9792,
25.4412

■ 52.6283, 55.2099,
63.6368

■ 39.3495, 41.6085,
19.2684

■ 56.2169, 58.4817,
76.8728

■ 37.5382, 39.4002,
14.3047

■ 60.1423, 61.9491,
91.6951

■ 35.9740, 37.3473,
10.4672

■ 63.5987, 65.2902,
103.8580

■ 34.6387, 35.4421,
7.6627

■ 64.8615, 67.8158,
104.2789

■ 33.5114, 33.6754,
5.7829

■ 66.1633, 70.4195,
104.7129

■ 32.5658, 32.0361,
4.6912

■ 67.5045, 73.1019,
105.1600

■ 32.2157, 31.4042,
4.3637

■ 68.8855, 75.8638,
105.6203

Harmonies

Analogous

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



48.7471, 49.2315, 42.7217



46.4179, 49.2315, 41.7065



44.2611, 49.2315, 43.6544

Triad

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



46.4179, 49.2315, 41.7065



43.1758, 49.2315, 61.3353



51.0043, 49.2315, 59.3166

Complementary

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



46.4179, 49.2315, 41.7065



39.4046, 40.8065, 56.8389

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.



49.4198, 49.2315, 64.9626



46.4179, 49.2315, 41.7065



44.8919, 49.2315, 66.1949

Square

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



46.4179, 49.2315, 41.7065



42.4297, 49.2315, 54.6893



47.1702, 49.2315, 67.5746



51.4458, 49.2315, 52.5346

Rectangle

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



46.4179, 49.2315, 41.7065



43.1954, 49.2315, 46.4757



47.1702, 49.2315, 67.5746



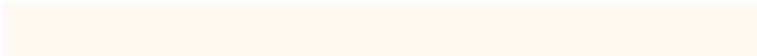
50.5851, 49.2315, 61.4279

Sweetspot

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



46.4192, 49.2337, 41.7075



89.9464, 94.9321, 95.8868



42.7220, 40.6148, 44.2499



19.6086, 20.7039, 20.6844



0.0000, 0.0000, 0.0000



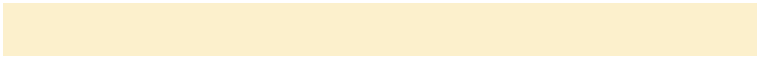
20.3446, 21.4041, 23.3091

Same Dimension

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



46.4192, 49.2337, 41.7075



82.4484, 87.5286, 69.9811



46.3396, 51.7637, 42.2001



10.6864, 11.3043, 10.6806



21.2497, 20.7851, 2.8920



0.9711, 1.0041, 0.1426

Inverse Universe

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



39.4046, 40.8065, 56.8389



67.4528, 69.5145, 102.3323



39.4635, 38.6622, 56.4219



9.7348, 10.1610, 12.7330



7.2103, 4.1772, 33.9829



0.3694, 0.2963, 1.4876

Previews

White Background



This preview shows how the XYZ color 46.4179, 49.2315, 41.7065 looks on a white background.

Color Contrast Check

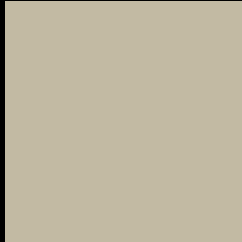
Large Text (above 18pt) WCAG AA × Fail

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 46.4179, 49.2315, 41.7065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

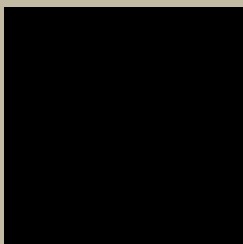
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

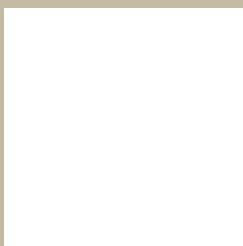
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.4179, 49.2315, 41.7065

Background



This preview shows how black text looks on a background with the XYZ color 46.4179, 49.2315, 41.7065.



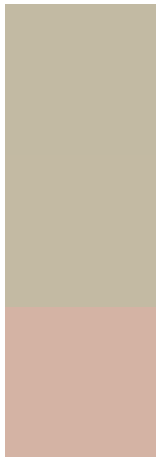
This preview shows how white text looks on a background with the XYZ color 46.4179, 49.2315,

41.7065.

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

46.4179, 49.2315, 41.7065

Protanopia

46.6754, 49.3643, 41.7185

Deuteranopia

49.9723, 48.9176, 41.9302



Tritanopia

49.7764, 49.0390, 59.0665

Trichromacy



Original Color

46.4179, 49.2315, 41.7065

Protanomaly

46.6754, 49.3643, 41.7185

Deuteranomaly

48.6056, 49.1154, 42.0404

Tritanomaly

48.6112, 49.1980, 52.2815

Monochromacy



Original Color

46.4179, 49.2315, 41.7065

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5811, 49.1510, 49.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4179, 49.2315, 41.7065 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(194, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 163)  
}
```

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(194, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 163) }
```

Border

The CSS property to change the border of an element to XYZ 46.4179, 49.2315, 41.7065 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(194, 186, 163) }
```


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

```
.border{ border-color:rgb(194, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4179, 49.2315, 41.7065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 163) }
```

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

```
.background{ background-color: rgb(194,  
186, 163) }
```

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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