

Converting Colors

XYZ(42.7365, 46.0610, 41.2078)

Have a look what the booklet for
XYZ(42.7365, 46.0610, 41.2078)
contains.

XYZ(42.8672, 46.1675, 41.3022)	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(42.8672, 46.1675,
41.3022)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B6A3
RGB	183, 182, 163
RGB Percent	72%, 71%, 64%
CMY	0.2824, 0.2863, 0.3608
CMYK	0.00, 0.01, 0.11, 0.28
HSL	57°, 12%, 68%
HSV	57°, 11%, 72%
XYZ	42.8672, 46.1675, 41.3022
YIQ	180.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

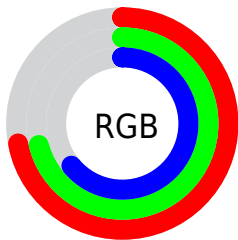
Format	Color
RYB	164, 183, 163
Decimal	12039843
CIELab	73.65, -3.00, 9.80
CIELCh	74, 10.247, 107.016
Yxy	46.1675, 0.3289, 0.3542
Android (android.graphics.Color)	4290229923 (0xFFB7B6A3)
YUV	180.1330, -8.4466, 2.5144
Hunter-Lab	67.9467, -6.2920, 11.5225

Details

The XYZ color **42.8672, 46.1675, 41.3022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **36.9268, 37.7556, 50.1414**, and the grayscale version is **43.4963, 45.7615, 49.8342**.

A 20% lighter version of the original color is **78.8260, 84.5617, 78.4971**, and **19.9254, 21.5940, 18.1568** is the 20% darker color. If you saturate the color by 10%, you get **41.1592, 45.1881, 33.2203**, and if you desaturate by 10%, it is **44.8162, 47.2483, 50.6362**.

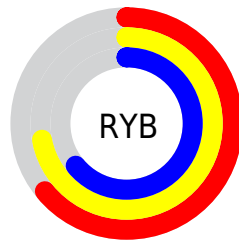
Distribution



Red (72%)

Green (71%)

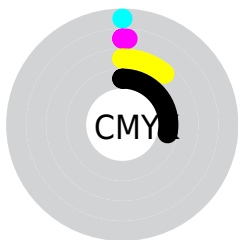
Blue (64%)



Red (64%)

Yellow (72%)

Blue (64%)

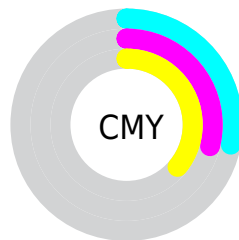


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8672, 46.1675, 41.3022 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 42.8672, 46.1675, 41.3022 by changing the saturation by 10% instead.

■ 42.8672, 46.1675,
41.3022

■ 42.8672, 46.1675,
41.3022

348.9961,
371.4816, 367.2960

■ 29.9750, 32.3780,
28.2338

■ 78.7674, 84.4696,
78.4011

■ 19.9676, 21.6504,
18.2614

■ 102.5061,
109.7510, 103.2687

■ 12.4796, 13.6002,
10.9665

130.5910,
139.6319, 132.9064

■ 7.1457, 7.8432,
5.9304

163.3875,
174.4966, 167.7328

■ 3.6005, 3.9948,
2.7347

201.2609,
214.7295, 208.1664

■ 1.4787, 1.6706,
0.9608

244.5765,

■ 0.3113, 0.4045,

260.7151, 254.6258

0.0000

293.6998,
312.8377, 307.5295

■ 0.0000, 0.0000,
0.0000

■ 42.8672, 46.1675,
41.3022

■ 42.8672, 46.1675,
41.3022

■ 41.1592, 45.1881,
33.2203

■ 44.8162, 47.2483,
50.6362

■ 39.6784, 44.3001,
26.3342

■ 47.0120, 48.4282,
61.2695

■ 38.4151, 43.5009,
20.5874

■ 49.4649, 49.7129,
73.2506

■ 37.3575, 42.7860,
15.9181

■ 52.1835, 51.1058,
86.6246

■ 36.4928, 42.1502,
12.2583

■ 55.1759, 52.6102,
101.4344

■ 35.8065, 41.5876,
9.5325

■ 55.4494, 53.0290,
101.9209

■ 35.2824, 41.0919,
7.6544

■ 55.6440, 53.4182,
101.9857

■ 34.9009, 40.6551,
6.5218

■ 55.8398, 53.8099,
102.0510

■ 34.6428, 40.2957,
5.9520

■ 56.0369, 54.2040,
102.1167

Harmonies

Analogous

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



44.6698, 46.1675, 41.1427



42.8672, 46.1675, 41.3022



41.3764, 46.1675, 43.7560

Triad

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



42.8672, 46.1675, 41.3022



41.5436, 46.1675, 57.9424



47.3710, 46.1675, 52.5483

Complementary

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



42.8672, 46.1675, 41.3022



36.9268, 37.7556, 50.1414

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.



46.4843, 46.1675, 57.3973



42.8672, 46.1675, 41.3022



43.1012, 46.1675, 60.6530

Square

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



42.8672, 46.1675, 41.3022



40.6268, 46.1675, 53.2513



44.9103, 46.1675, 60.4469



47.3041, 46.1675, 47.3994

Rectangle

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



42.8672, 46.1675, 41.3022



40.7450, 46.1675, 46.4651



44.9103, 46.1675, 60.4469



47.1735, 46.1675, 54.2741

Sweetspot

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



42.8685, 46.1695, 41.3032



79.4881, 84.1956, 86.9510



39.3270, 38.9426, 40.5665



17.4925, 18.5611, 18.8972



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.8685, 46.1695, 41.3032



76.0393, 82.2714, 70.4691



41.0004, 45.5104, 41.2744



9.7108, 10.4246, 9.6072



24.1824, 28.1413, 4.1573



0.8643, 1.0156, 0.1505

Inverse Universe

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



36.9268, 37.7556, 50.1414



63.3714, 64.3324, 89.3131



38.6582, 38.3846, 50.1715



8.5560, 8.7893, 11.3250



6.0468, 2.5532, 31.4272



0.2254, 0.1144, 1.1120

Previews

White Background



This preview shows how the XYZ color 42.8672, 46.1675, 41.3022 looks on a white background.

Color Contrast Check

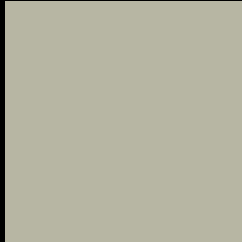
Large Text (above 18pt) WCAG AA × Fail

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 42.8672, 46.1675, 41.3022 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

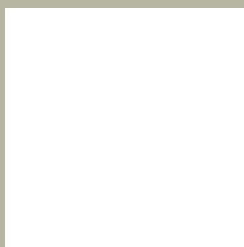
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8672, 46.1675, 41.3022

Background



This preview shows how black text looks on a background with the XYZ color 42.8672, 46.1675, 41.3022.



This preview shows how white text looks on a background with the XYZ color 42.8672, 46.1675,

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

42.8672, 46.1675, 41.3022

Protanopia

43.5819, 45.9425, 40.7532

Deuteranopia

46.8294, 45.8261, 41.9745



Tritanopia

45.9283, 46.2114, 56.3682

Trichromacy



Original Color

42.8672, 46.1675, 41.3022

Protanomaly

43.2952, 46.0955, 40.7978

Deuteranomaly

45.1879, 45.8604, 41.5922

Tritanomaly

44.7103, 46.0155, 50.2415

Monochromacy



Original Color

42.8672, 46.1675, 41.3022

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2199, 45.9275, 46.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8672, 46.1675, 41.3022 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, 182, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 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(183, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 163) }
```

Border

The CSS property to change the border of an element to XYZ 42.8672, 46.1675, 41.3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

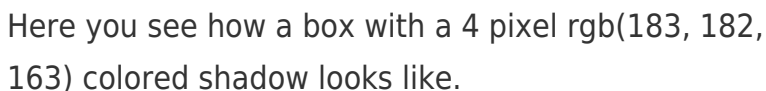
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 182, 163) }
```


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

```
.border{ border-color:rgb(183, 182, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 182, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 182, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 182, 163); box-shadow:4px 4px 4px 4px rgb(183, 182, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8672, 46.1675, 41.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 163) }
```

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

```
.background{ background-color: rgb(183,  
182, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor