

Converting Colors

XYZ(47.1659, 48.3131, 41.3921)

Have a look what the booklet for
XYZ(47.1659, 48.3131, 41.3921)
contains.

XYZ(47.1582, 48.3796, 41.5030)	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(47.1582, 48.3796,
41.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B6A3
RGB	200, 182, 163
RGB Percent	78%, 71%, 64%
CMY	0.2157, 0.2863, 0.3608
CMYK	0.00, 0.09, 0.18, 0.22
HSL	31°, 25%, 71%
HSV	31°, 18%, 78%
XYZ	47.1582, 48.3796, 41.5030
YIQ	185.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

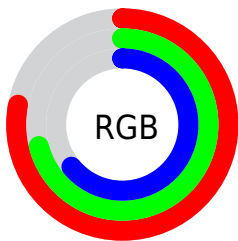
Format	Color
R_{YB}	198, 200, 163
Decimal	13153955
CIE _{Lab}	75.06, 3.31, 11.99
CIE _{LCh}	75, 12.444, 74.552
Yxy	48.3796, 0.3441, 0.3530
Android (android.graphics.Color)	4291344035 (0xFFC8B6A3)
YUV	185.2160, -10.9525, 12.9656
Hunter-Lab	69.5554, -0.7000, 13.3111

Details

The XYZ color **47.1582, 48.3796, 41.5030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0532, 45.0033, 61.1139**, and the grayscale version is **46.2879, 48.6985, 53.0326**.

A 20% lighter version of the original color is **84.4694, 87.4710, 78.7612**, and **22.5736, 22.9592, 18.2807** is the 20% darker color. If you saturate the color by 10%, you get **43.5830, 43.8734, 32.1585**, and if you desaturate by 10%, it is **51.1579, 53.2803, 52.3883**.

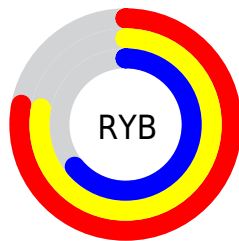
Distribution



Red (78%)

Green (71%)

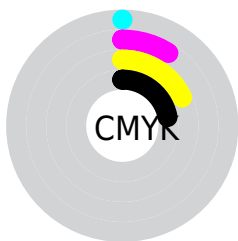
Blue (64%)



Red (78%)

Yellow (78%)

Blue (64%)

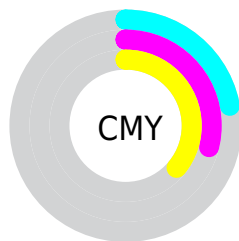


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1582, 48.3796, 41.5030 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 47.1582, 48.3796, 41.5030 by changing the saturation by 10% instead.


 47.1582, 48.3796,
41.5030


 47.1582, 48.3796,
41.5030


366.0840,
380.2948, 368.1572

 33.3692, 34.1276,
28.3897

 85.1670, 87.7693,
78.7088

 22.5700, 22.9916,
18.3780

 110.1176,
113.6758, 103.6384

 14.3953, 14.5873,
11.0495


139.5193,
144.2360, 133.3438

 8.4796, 8.5303,
5.9855

173.7377,
179.8341, 168.2436

 4.4577, 4.4361,
2.7676

213.1380,
220.8547, 208.7563

 1.9642, 1.9204,
0.9772

258.0856,

 0.6137, 0.5606,

267.6821, 255.3004

0.0000

308.9458,
320.7006, 308.2946

■ 0.0000, 0.0000,
0.0000

■ 47.1582, 48.3796,
41.5030

■ 47.1582, 48.3796,
41.5030

■ 43.5830, 43.8734,
32.1585

■ 51.1579, 53.2803,
52.3883

■ 40.4122, 39.7444,
24.2808

■ 55.5933, 58.5794,
64.8777

■ 37.6300, 35.9831,
17.7944

■ 60.4799, 64.2890,
79.0345

■ 35.2176, 32.5774,
12.6158

■ 65.8315, 70.4187,
94.9177

■ 33.1547, 29.5141,
8.6522

■ 70.3455, 76.4514,
105.6567

■ 31.4182, 26.7790,
5.7986

■ 73.1387, 82.0378,
106.5878

■ 29.9816, 24.3561,
3.9317

■ 76.0855, 87.9314,
107.5701

■ 28.8049, 22.2239,
2.8576

■ 77.6295, 91.0194,
108.0847

■ 28.6425, 21.9253,
2.7224

Harmonies

Analogous

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



49.1710, 48.3796, 44.3694



47.1582, 48.3796, 41.5030



44.8932, 48.3796, 41.4597

Triad

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



47.1582, 48.3796, 41.5030



41.8787, 48.3796, 55.8873



49.1204, 48.3796, 62.1167

Complementary

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



47.1582, 48.3796, 41.5030



42.0532, 45.0033, 61.1139

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.



47.0910, 48.3796, 65.7548



47.1582, 48.3796, 41.5030



42.9366, 48.3796, 61.9622

Square

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



47.1582, 48.3796, 41.5030



41.8953, 48.3796, 49.4107



44.8282, 48.3796, 65.6960



50.3290, 48.3796, 56.0845

Rectangle

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



47.1582, 48.3796, 41.5030



43.5472, 48.3796, 43.0197



44.8282, 48.3796, 65.6960



48.5087, 48.3796, 63.6815

Sweetspot

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



47.1595, 48.3818, 41.5040



90.3554, 94.3971, 95.6628



45.3090, 41.8311, 49.6722



19.2341, 20.0777, 20.1809



0.0000, 0.0000, 0.0000



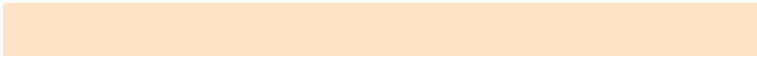
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1595, 48.3818, 41.5040



79.2021, 80.7086, 65.3759



51.0849, 56.2326, 42.8125



11.0768, 11.5227, 11.2031



18.3019, 14.1209, 1.7610



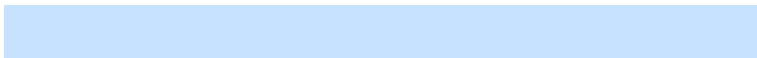
0.9389, 0.8133, 0.1075

Inverse Universe

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



42.0532, 45.0033, 61.1139



68.8235, 73.8422, 105.2333



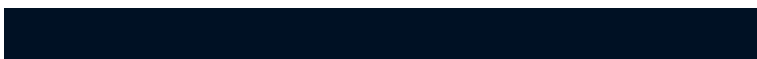
38.6274, 38.1517, 59.9720



10.4754, 11.1248, 13.5127



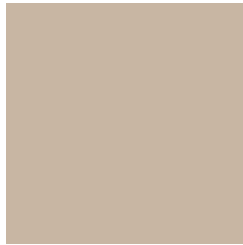
9.4520, 8.2980, 35.8478



0.5200, 0.5378, 1.7215

Previews

White Background



This preview shows how the XYZ color 47.1582, 48.3796, 41.5030 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 47.1582, 48.3796, 41.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

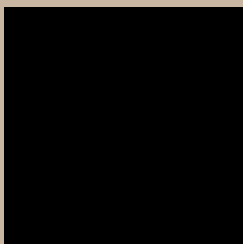
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

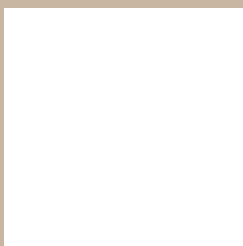
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1582, 48.3796, 41.5030

Background



This preview shows how black text looks on a background with the XYZ color 47.1582, 48.3796, 41.5030.



This preview shows how white text looks on a background with the XYZ color 47.1582, 48.3796,

41.5030.

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

47.1582, 48.3796, 41.5030

Protanopia

45.8336, 48.2988, 42.0289

Deuteranopia

49.1996, 48.2228, 41.8368



Tritanopia

50.3367, 48.4839, 56.5745

Trichromacy



Original Color

47.1582, 48.3796, 41.5030

Protanomaly

46.3993, 48.2831, 41.9960

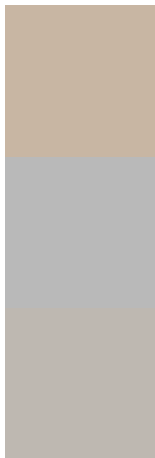
Deuteranomaly

48.2745, 48.0423, 41.8507

Tritanomaly

49.0892, 48.2729, 50.4464

Monochromacy



Original Color

47.1582, 48.3796, 41.5030

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.3115, 48.4025, 48.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1582, 48.3796, 41.5030 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(200, 182, 163) looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 163) }
```

Border

The CSS property to change the border of an element to XYZ 47.1582, 48.3796, 41.5030 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(200, 182, 163) }
```


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

```
.border{ border-color:rgb(200, 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(200, 182, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1582, 48.3796, 41.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 163) }
```

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

```
.background{ background-color: rgb(200,  
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