

Converting Colors

XYZ(47.5250, 47.4776, 41.4043)

Have a look what the booklet for
XYZ(47.5250, 47.4776, 41.4043)
contains.

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Color

**XYZ(47.4331, 47.3225,
41.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB2A3
RGB	204, 178, 163
RGB Percent	80%, 70%, 64%
CMY	0.2000, 0.3019, 0.3608
CMYK	0.00, 0.13, 0.20, 0.20
HSL	22°, 29%, 72%
HSV	22°, 20%, 80%
XYZ	47.4331, 47.3225, 41.2845
YIQ	184.0640, 20.3110, 0.8470

Conversions

Conversions Part 2

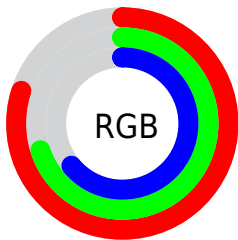
Format	Color
RYB	204, 187, 163
Decimal	13415075
CIELab	74.40, 6.96, 11.10
CIELCh	74, 13.101, 57.897
Yxy	47.3225, 0.3487, 0.3479
Android (android.graphics.Color)	4291605155 (0xFFCCB2A3)
YUV	184.0640, -10.3846, 17.4839
Hunter-Lab	68.7914, 2.6947, 12.5716

Details

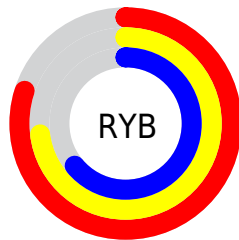
The XYZ color **47.4331, 47.3225, 41.2845** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2006, 48.5402, 64.1667**, and the grayscale version is **45.6441, 48.0211, 52.2950**.

A 20% lighter version of the original color is **83.3177, 85.1676, 78.3773**, and **22.5973, 22.2045, 18.1338** is the 20% darker color. If you saturate the color by 10%, you get **43.2976, 41.7442, 31.6039**, and if you desaturate by 10%, it is **52.1087, 53.5084, 52.6009**.

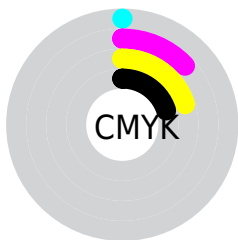
Distribution



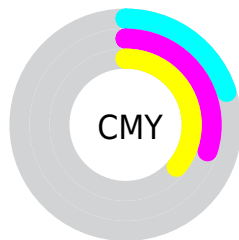
- Red (80%)
- Green (70%)
- Blue (64%)



- Red (80%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (20%)




- Cyan (20%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4331, 47.3225, 41.2845 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 47.4331, 47.3225, 41.2845 by changing the saturation by 10% instead.


 47.4331, 47.3225,
41.2845


 47.4331, 47.3225,
41.2845


367.1607,
376.1004, 367.2201

 33.5875, 33.2907,
28.2201

 85.5746, 86.1948,
78.3739

 22.7383, 22.3492,
18.2511

 110.6012,
111.8041, 103.2360

 14.5200, 14.1137,
10.9591


140.0855,
142.0413, 132.8678

 8.5673, 8.1998,
5.9255

174.3930,
177.2909, 167.6877

 4.5149, 4.2231,
2.7318

213.8889,
217.9372, 208.1144

 1.9974, 1.7991,
0.9594

258.9385,

 0.6325, 0.4866,

264.3646, 254.5663

0.0000

309.9074,
316.9575, 307.4620

■ 0.0000, 0.0000,
0.0000

■ 47.4331, 47.3225,
41.2845

■ 47.4331, 47.3225,
41.2845

■ 43.2976, 41.7442,
31.6039

■ 52.1087, 53.5084,
52.6009

■ 39.6776, 36.7481,
23.4797

■ 57.3403, 60.3136,
65.6215

■ 36.5522, 32.3163,
16.8299

■ 63.1475, 67.7575,
80.4147

■ 33.8973, 28.4275,
11.5642

■ 69.5482, 75.8568,
97.0439

■ 31.6865, 25.0588,
7.5818

■ 74.9064, 83.9663,
106.8669

■ 29.8907, 22.1855,
4.7683

■ 78.7120, 91.5774,
108.1354

■ 28.4758, 19.7802,
2.9884

■ 27.3947, 17.8228,
1.9963

Harmonies

Analogous

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



49.1087, 47.3225, 45.6826



47.4331, 47.3225, 41.2845



45.1453, 47.3225, 39.6015

Triad

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



47.4331, 47.3225, 41.2845



40.5953, 47.3225, 51.0508



47.1350, 47.3225, 63.8840

Complementary

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



47.4331, 47.3225, 41.2845



44.2006, 48.5402, 64.1667

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.



44.8123, 47.3225, 65.6323



47.4331, 47.3225, 41.2845



41.0869, 47.3225, 57.8479

Square

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



47.4331, 47.3225, 41.2845



41.2438, 47.3225, 44.9247



42.6103, 47.3225, 63.3353



48.9324, 47.3225, 58.7446

Rectangle

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



47.4331, 47.3225, 41.2845



43.5987, 47.3225, 40.1240



42.6103, 47.3225, 63.3353



46.3873, 47.3225, 64.9064

Sweetspot

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



47.4344, 47.3246, 41.2855



89.6666, 93.0194, 95.4332



47.2556, 42.7348, 54.2734



19.0714, 19.7523, 20.1266



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.



47.4344, 47.3246, 41.2855



75.5613, 74.3584, 61.2913



51.6729, 55.8018, 42.6983



11.5429, 11.8747, 11.7631



17.3240, 11.3809, 1.2837



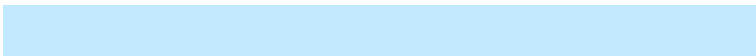
0.9656, 0.7308, 0.0902

Inverse Universe

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



44.2006, 48.5402, 64.1667



69.2737, 76.7167, 105.7644



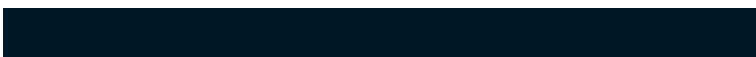
40.2198, 40.5786, 62.8397



11.1847, 12.0098, 14.2990



11.9212, 12.8663, 37.8114



0.6858, 0.8053, 1.9742

Previews

White Background



This preview shows how the XYZ color 47.4331, 47.3225, 41.2845 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 47.4331, 47.3225, 41.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

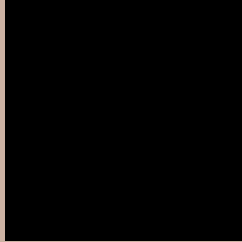
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4331, 47.3225, 41.2845

Background



This preview shows how black text looks on a background with the XYZ color 47.4331, 47.3225, 41.2845.



This preview shows how white text looks on a background with the XYZ color 47.4331, 47.3225,

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

47.4331, 47.3225, 41.2845

Protanopia

45.2109, 47.6600, 42.4137

Deuteranopia

48.1486, 47.1049, 41.2048



Tritanopia

49.9453, 47.1683, 54.0490

Trichromacy



Original Color

47.4331, 47.3225, 41.2845

Protanomaly

45.9897, 47.4638, 41.8595

Deuteranomaly

48.0651, 47.3540, 41.2573

Tritanomaly

48.9203, 47.0364, 49.1484

Monochromacy



Original Color

47.4331, 47.3225, 41.2845

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0503, 47.6669, 47.8478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4331, 47.3225, 41.2845 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(204, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 178, 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(204, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 178, 163) }
```

Border

The CSS property to change the border of an element to XYZ 47.4331, 47.3225, 41.2845 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(204, 178, 163) }
```


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

```
.border{ border-color:rgb(204, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 178,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4331, 47.3225, 41.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 178, 163) }
```

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

```
.background{ background-color: rgb(204,  
178, 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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