

Converting Colors

XYZ(46.9622, 43.4126, 40.8883)

Have a look what the booklet for
XYZ(46.9622, 43.4126, 40.8883)
contains.

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Color

**XYZ(47.0199, 43.4395,
41.0284)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A5A4
RGB	211, 165, 164
RGB Percent	83%, 65%, 64%
CMY	0.1725, 0.3529, 0.3569
CMYK	0.00, 0.22, 0.22, 0.17
HSL	1°, 35%, 74%
HSV	1°, 22%, 83%
XYZ	47.0199, 43.4395, 41.0284
YIQ	178.6400, 27.7370, 9.4410

Conversions

Conversions Part 2

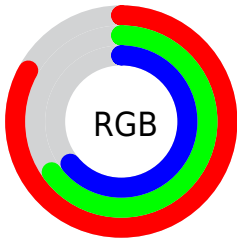
Format	Color
RYB	211, 165, 164
Decimal	13870500
CIELab	71.85, 16.77, 7.01
CIELCh	72, 18.177, 22.693
Yxy	43.4395, 0.3576, 0.3304
Android (android.graphics.Color)	4292060580 (0xFFD3A5A4)
YUV	178.6400, -7.2175, 28.3797
Hunter-Lab	65.9086, 12.0036, 9.2278

Details

The XYZ color **47.0199, 43.4395, 41.0284** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1136, 58.6871, 70.3146**, and the grayscale version is **42.6840, 44.9069, 48.9036**.

A 20% lighter version of the original color is **79.6194, 77.5609, 77.7922**, and **22.5401, 20.0480, 18.0109** is the 20% darker color. If you saturate the color by 10%, you get **41.8418, 35.8837, 30.6683**, and if you desaturate by 10%, it is **53.1179, 52.3284, 53.2558**.

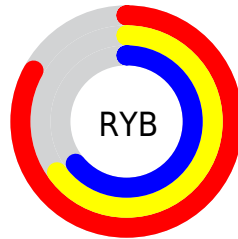
Distribution



Red (83%)

Green (65%)

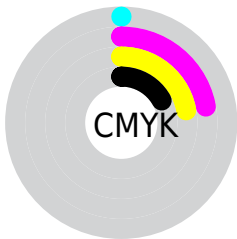
Blue (64%)



Red (83%)

Yellow (65%)

Blue (64%)

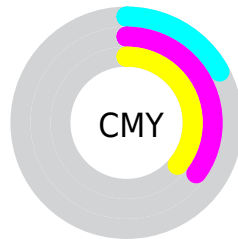


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0199, 43.4395, 41.0284 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 47.0199, 43.4395, 41.0284 by changing the saturation by 10% instead.


 47.0199, 43.4395,
41.0284

 47.0199, 43.4395,
41.0284

365.5415,
360.4161, 366.1195

 33.2594, 30.2301,
28.0214

 84.9619, 80.3737,
77.9811

 22.4854, 20.0133,
18.1026


 109.8741,
104.8672, 102.7640

 14.3326, 12.4047,
10.8535


139.2342,
133.8910, 132.3092

 8.4356, 7.0199,
5.8555

173.4077,
167.8293, 167.0353

 4.4291, 3.4746,
2.6900

212.7598,
207.0665, 207.3608

 1.9476, 1.3842,
0.9384

257.6559,

 0.6043, 0.2051,

251.9872, 253.7043

0.0000

308.4613,
302.9756, 306.4844

■ 0.0000, 0.0000,
0.0000

■ 47.0199, 43.4395,
41.0284

■ 47.0199, 43.4395,
41.0284

■ 41.8418, 35.8837,
30.6683

■ 53.1179, 52.3284,
53.2558

■ 37.5356, 29.5911,
22.0811

■ 60.1736, 62.6040,
67.4331

■ 34.0544, 24.4946,
15.1684

■ 68.2270, 74.3241,
83.6413

■ 31.3455, 20.5186,
9.8208

■ 77.3149, 87.5416,
101.9560

■ 29.3501, 17.5787,
5.9162

■ 80.6740, 92.5889,
108.2272

■ 28.0010, 15.5785,
3.3146

■ 27.2182, 14.4040,
1.8478

■ 26.9130, 13.9468,
1.2735

Harmonies

Analogous

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



47.4706, 43.4395, 49.4972



47.0199, 43.4395, 41.0284



44.9974, 43.4395, 35.0058

Triad

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



47.0199, 43.4395, 41.0284



36.7370, 43.4395, 37.7101



40.5363, 43.4395, 66.2782

Complementary

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



47.0199, 43.4395, 41.0284



50.1136, 58.6871, 70.3146

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.



37.7881, 43.4395, 62.1763



47.0199, 43.4395, 41.0284



35.6668, 43.4395, 45.1653

Square

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



47.0199, 43.4395, 41.0284



39.0364, 43.4395, 33.2635



36.0418, 43.4395, 54.1763



43.6245, 43.4395, 64.8116

Rectangle

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



47.0199, 43.4395, 41.0284



43.0821, 43.4395, 32.8326



36.0418, 43.4395, 54.1763



39.5443, 43.4395, 65.4891

Sweetspot

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



47.0211, 43.4415, 41.0293



86.9863, 88.2597, 92.6869



51.7996, 45.0642, 67.0827



18.4774, 18.6855, 19.5551



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.



47.0211, 43.4415, 41.0293



68.0212, 60.6163, 54.6530



51.6089, 52.6172, 42.5586



11.8287, 11.8481, 12.2755



16.2514, 8.4359, 0.7717



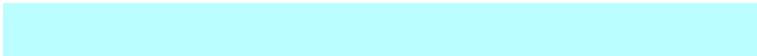
0.9160, 0.4862, 0.0456

Inverse Universe

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



50.1136, 58.6871, 70.3146



73.6287, 88.2629, 107.7635



44.7784, 48.0167, 68.5362



12.1358, 13.3619, 15.1831



20.4977, 29.6420, 41.8336



1.1531, 1.6715, 2.3414

Previews

White Background



This preview shows how the XYZ color 47.0199, 43.4395, 41.0284 looks on a white background.

Color Contrast Check

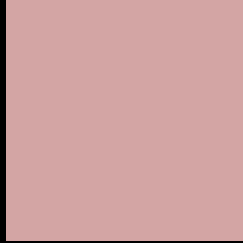
Large Text (above 18pt) WCAG AA × Fail

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 47.0199, 43.4395, 41.0284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

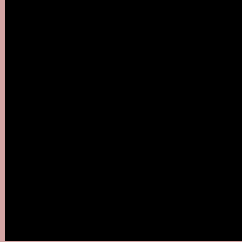
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0199, 43.4395, 41.0284

Background



This preview shows how black text looks on a background with the XYZ color 47.0199, 43.4395, 41.0284.



This preview shows how white text looks on a background with the XYZ color 47.0199, 43.4395,

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

47.0199, 43.4395, 41.0284

Protanopia

41.8371, 43.7767, 44.2749

Deuteranopia

44.2743, 43.3996, 40.6938



Tritanopia

48.0850, 43.3260, 46.9027

Trichromacy



Original Color

47.0199, 43.4395, 41.0284

Protanomaly

43.5586, 43.5387, 43.1538

Deuteranomaly

45.2421, 43.3461, 40.6325

Tritanomaly

47.8732, 43.5265, 44.9080

Monochromacy



Original Color

47.0199, 43.4395, 41.0284

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.2619, 44.4045, 46.2825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0199, 43.4395, 41.0284 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(211, 165, 164) looks like.

```
.text, #text, p{  
    color:rgb(211, 165, 164)  
}
```

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(211, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 47.0199, 43.4395, 41.0284 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(211, 165, 164) }
```


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

```
.border{ border-color:rgb(211, 165, 164) }
```

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

Here you see how a box with a 4 pixel rgb(211, 165, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(211, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0199, 43.4395, 41.0284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 165, 164) }
```

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

```
.background{ background-color: rgb(211,  
165, 164) }
```

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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