

Converting Colors

XYZ(46.9962, 43.2478, 45.4569)

Have a look what the booklet for
XYZ(46.9962, 43.2478, 45.4569)
contains.

XYZ(47.0104, 43.3373, 45.4224)	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(47.0104, 43.3373,
45.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A5AD
RGB	208, 165, 173
RGB Percent	82%, 65%, 68%
CMY	0.1843, 0.3529, 0.3216
CMYK	0.00, 0.21, 0.17, 0.18
HSL	349°, 31%, 73%
HSV	349°, 21%, 82%
XYZ	47.0104, 43.3373, 45.4224
YIQ	178.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

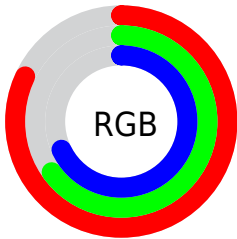
Format	Color
R _Y B	208, 165, 173
Decimal	13673901
CIE Lab	71.78, 17.04, 1.91
CIE LCh	72, 17.147, 6.397
Yxy	43.3373, 0.3463, 0.3192
Android (android.graphics.Color)	4291863981 (0xFFD0A5AD)
YUV	178.7690, -2.8441, 25.6356
Hunter-Lab	65.8311, 12.2636, 5.1726

Details

The XYZ color **47.0104, 43.3373, 45.4224** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5000, 57.2823, 63.1467**, and the grayscale version is **42.7318, 44.9572, 48.9584**.

A 20% lighter version of the original color is **80.8368, 78.0478, 84.2030**, and **22.4932, 19.9630, 20.7569** is the 20% darker color. If you saturate the color by 10%, you get **42.0236, 35.8213, 36.1826**, and if you desaturate by 10%, it is **52.8174, 52.1605, 55.9610**.

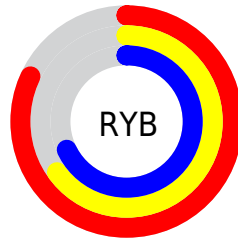
Distribution



Red (82%)

Green (65%)

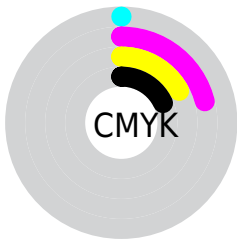
Blue (68%)



Red (82%)

Yellow (65%)

Blue (68%)

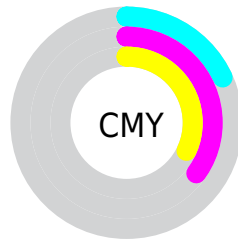


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0104, 43.3373, 45.4224 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 47.0104, 43.3373, 45.4224 by changing the saturation by 10% instead.


 47.0104, 43.3373,
45.4224

 47.0104, 43.3373,
45.4224


365.5043,
359.9971, 384.6915

 33.2519, 30.1499,
31.4449


 84.9478, 80.2196,
84.6791

 22.4796, 19.9524,
20.6766


 109.8574,
104.6833, 110.7953

 14.3283, 12.3604,
12.6988


139.2146,
133.6745, 141.7949

 8.4326, 6.9896,
7.0932

173.3850,
167.5776, 178.0963

 4.4271, 3.4556,
3.4411

212.7338,
206.7770, 220.1181

 1.9465, 1.3740,
1.3241

257.6263,

 0.6036, 0.1974,

251.6571, 268.2789

0.0814

308.4281,
302.6023, 322.9972

■ 0.0000, 0.0000,
0.0000

■ 47.0104, 43.3373,
45.4224

■ 47.0104, 43.3373,
45.4224

■ 42.0236, 35.8213,
36.1826

■ 52.8174, 52.1605,
55.9610

■ 37.8162, 29.5447,
28.1884

■ 59.4759, 62.3430,
67.8435

■ 34.3493, 24.4423,
21.3867

■ 67.0196, 73.9409,
81.1161

■ 31.5791, 20.4407,
15.7196

■ 75.4798, 87.0058,
95.8220

■ 29.4573, 17.4583,
11.1243

■ 79.8226, 92.1500,
108.1874

■ 27.9289, 15.4016,
7.5314

■ 26.9296, 14.1604,
4.8632

■ 26.3736, 13.5544,
3.1182

Harmonies

Analogous

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



46.5384, 43.3373, 53.9042



47.0104, 43.3373, 45.4224



45.8648, 43.3373, 38.2956

Triad

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



47.0104, 43.3373, 45.4224



37.9564, 43.3373, 35.4190



38.9890, 43.3373, 63.4620

Complementary

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



47.0104, 43.3373, 45.4224



48.5000, 57.2823, 63.1467

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.



36.8456, 43.3373, 57.3578



47.0104, 43.3373, 45.4224



36.2694, 43.3373, 41.0523

Square

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



47.0104, 43.3373, 45.4224



40.5700, 43.3373, 32.9758



35.8725, 43.3373, 48.9966



41.8179, 43.3373, 64.9871

Rectangle

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



47.0104, 43.3373, 45.4224



44.3684, 43.3373, 35.0497



35.8725, 43.3373, 48.9966



38.1686, 43.3373, 61.8452

Sweetspot

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



47.0116, 43.3393, 45.4233



88.4209, 89.8473, 97.1165



48.5012, 43.6633, 65.5465



18.7779, 19.0050, 20.5227



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.



47.0116, 43.3393, 45.4233



70.7175, 62.9476, 64.9890



48.7059, 47.9293, 42.2839



11.8973, 11.8436, 12.7348



16.4637, 8.4583, 2.0820



0.9481, 0.4839, 0.2613

Inverse Universe

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



47.0116, 43.3393, 45.4233



70.7175, 62.9476, 64.9890



46.4413, 51.6299, 67.1928



11.8973, 11.8436, 12.7348



16.4637, 8.4583, 2.0820



0.9481, 0.4839, 0.2613

Previews

White Background



This preview shows how the XYZ color 47.0104, 43.3373, 45.4224 looks on a white background.

Color Contrast Check

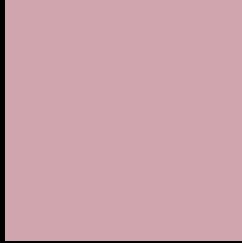
Large Text (above 18pt) WCAG AA × Fail

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 47.0104, 43.3373, 45.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

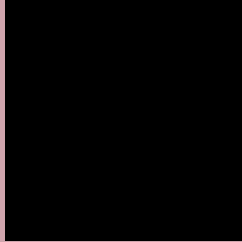
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0104, 43.3373, 45.4224

Background



This preview shows how black text looks on a background with the XYZ color 47.0104, 43.3373, 45.4224.



This preview shows how white text looks on a background with the XYZ color 47.0104, 43.3373,

45.4224.

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

47.0104, 43.3373, 45.4224

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

44.3268, 43.3301, 45.0570



Tritanopia

47.5058, 43.2806, 47.4451

Trichromacy



Original Color

47.0104, 43.3373, 45.4224

Protanomaly

43.4850, 43.1190, 47.6259

Deuteranomaly

45.2684, 43.2632, 44.9944

Tritanomaly

47.4064, 43.2408, 46.9220

Monochromacy



Original Color

47.0104, 43.3373, 45.4224

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.3071, 44.3936, 47.8286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0104, 43.3373, 45.4224 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(208, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(208, 165, 173)  
}
```

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(208, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 165, 173) }
```

Border

The CSS property to change the border of an element to XYZ 47.0104, 43.3373, 45.4224 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(208, 165, 173) }
```


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

```
.border{ border-color:rgb(208, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 165, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 165, 173);  
box-shadow:4px 4px 4px 4px rgb(208, 165,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0104, 43.3373, 45.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 165, 173) }
```

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

```
.background{ background-color: rgb(208,  
165, 173) }
```

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