

Converting Colors

XYZ(47.4069, 43.7060, 35.6456)

Have a look what the booklet for
XYZ(47.4069, 43.7060, 35.6456)
contains.

XYZ(47.4415, 43.7762, 35.6550)	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(47.4415, 43.7762,
35.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A598
RGB	216, 165, 152
RGB Percent	85%, 65%, 60%
CMY	0.1529, 0.3529, 0.4039
CMYK	0.00, 0.24, 0.30, 0.15
HSL	12°, 45%, 72%
HSV	12°, 30%, 85%
XYZ	47.4415, 43.7762, 35.6550
YIQ	178.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

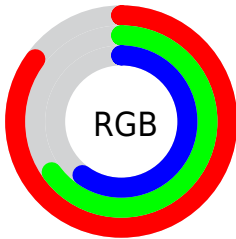
Format	Color
R _Y B	216, 168, 152
Decimal	14198168
CIE Lab	72.08, 16.97, 14.01
CIE LCh	72, 22.006, 39.531
Yxy	43.7762, 0.3739, 0.3450
Android (android.graphics.Color)	4292388248 (0xFFD8A598)
YUV	178.7670, -13.1961, 32.6533
Hunter-Lab	66.1636, 12.2042, 14.3636

Details

The XYZ color **47.4415, 43.7762, 35.6550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6988, 54.3433, 72.9938**, and the grayscale version is **42.7798, 45.0077, 49.0134**.

A 20% lighter version of the original color is **77.9738, 76.9026, 69.1266**, and **22.7513, 20.2234, 15.0163** is the 20% darker color. If you saturate the color by 10%, you get **42.9329, 37.3369, 26.2045**, and if you desaturate by 10%, it is **52.6924, 51.1841, 46.9433**.

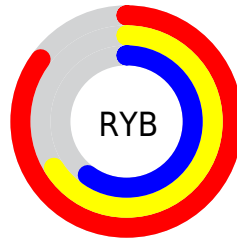
Distribution



Red (85%)

Green (65%)

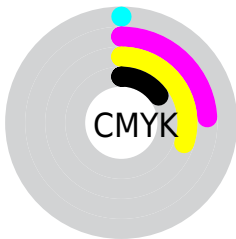
Blue (60%)



Red (85%)

Yellow (66%)

Blue (60%)

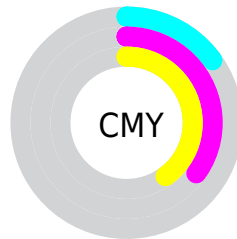


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4415, 43.7762, 35.6550 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 47.4415, 43.7762, 35.6550 by changing the saturation by 10% instead.


 47.4415, 43.7762,
35.6550


 47.4415, 43.7762,
35.6550


367.1936,
361.7942, 342.4418

 33.5942, 30.4946,
23.8803


 85.5870, 80.8809,
69.6623

 22.7435, 20.2143,
15.0335


 110.6159,
105.4727, 92.7319

 14.5238, 12.5509,
8.6960


140.1028,
134.6035, 120.4036

 8.5700, 7.1200,
4.4493

174.4130,
168.6575, 153.0959

 4.5167, 3.5373,
1.8749

213.9118,
208.0192, 191.2273

 1.9984, 1.4183,
0.4767

258.9646,

 0.6331, 0.2301,

253.0730, 235.2164

0.0000

309.9367,
304.2032, 285.4817

■ 0.0000, 0.0000,
0.0000

■ 47.4415, 43.7762,
35.6550

■ 47.4415, 43.7762,
35.6550

■ 42.9329, 37.3369,
26.2045

■ 52.6924, 51.1841,
46.9433

■ 39.1290, 31.8197,
18.4915

■ 58.7140, 59.5921,
60.1571

■ 35.9942, 27.1839,
12.4099

■ 65.5373, 69.0379,
75.3817

■ 33.4882, 23.3829,
7.8412

■ 73.1906, 79.5556,
92.6966

■ 31.5660, 20.3656,
4.6503

■ 80.8850, 90.8511,
107.8807

■ 30.1761, 18.0754,
2.6780

■ 82.1289, 93.3389,
108.2953

■ 29.2438, 16.4417,
1.6553

■ 29.2155, 16.3921,
1.6242

Harmonies

Analogous

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



49.1589, 43.7762, 44.3154



47.4415, 43.7762, 35.6550



44.1897, 43.7762, 30.7683

Triad

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



47.4415, 43.7762, 35.6550



35.1910, 43.7762, 40.7797



42.8175, 43.7762, 71.1593

Complementary

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



47.4415, 43.7762, 35.6550



46.6988, 54.3433, 72.9938

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.



39.1288, 43.7762, 69.8323



47.4415, 43.7762, 35.6550



34.8728, 43.7762, 51.1789

Square

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



47.4415, 43.7762, 35.6550



37.1706, 43.7762, 33.4028



36.2734, 43.7762, 62.1076



46.3851, 43.7762, 65.4993

Rectangle

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



47.4415, 43.7762, 35.6550



41.6672, 43.7762, 29.8019



36.2734, 43.7762, 62.1076



41.5488, 43.7762, 71.5326

Sweetspot

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



47.4427, 43.7782, 35.6559



86.0138, 87.4915, 88.7353



50.3508, 41.3772, 61.9580



18.1174, 18.3193, 18.3444



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.



47.4427, 43.7782, 35.6559



64.5667, 57.3073, 42.4027



53.9075, 56.7079, 37.8108



12.6256, 12.8254, 12.9708



17.3546, 9.8265, 0.9820



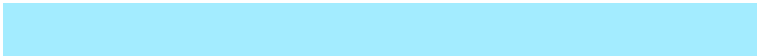
1.1066, 0.7124, 0.0792

Inverse Universe

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



46.6988, 54.3433, 72.9938



63.2906, 75.2184, 105.7906



39.9447, 40.8352, 70.7424



12.5679, 13.6593, 15.9116



16.1595, 20.5807, 41.5739



1.0301, 1.3523, 2.5260

Previews

White Background



This preview shows how the XYZ color 47.4415, 43.7762, 35.6550 looks on a white background.

Color Contrast Check

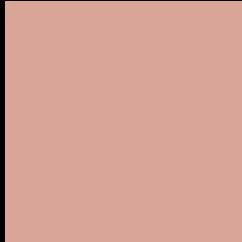
Large Text (above 18pt) WCAG AA × Fail

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 47.4415, 43.7762, 35.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

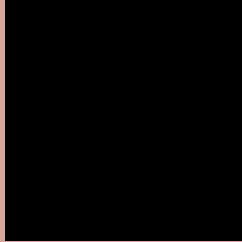
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4415, 43.7762, 35.6550

Background



This preview shows how black text looks on a background with the XYZ color 47.4415, 43.7762, 35.6550.



This preview shows how white text looks on a background with the XYZ color 47.4415, 43.7762,

35.6550.

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

47.4415, 43.7762, 35.6550

Protanopia

41.7045, 43.8336, 38.6104

Deuteranopia

44.5892, 43.6803, 35.3592



Tritanopia

49.4738, 43.8021, 45.8915

Trichromacy



Original Color

47.4415, 43.7762, 35.6550

Protanomaly

43.5182, 43.6411, 37.5824

Deuteranomaly

45.6010, 43.6495, 35.2999

Tritanomaly

48.5954, 43.6993, 41.9499

Monochromacy



Original Color

47.4415, 43.7762, 35.6550

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.0357, 44.3431, 43.7743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4415, 43.7762, 35.6550 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(216, 165, 152) looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 152)  
}
```

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(216, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 152) }
```

Border

The CSS property to change the border of an element to XYZ 47.4415, 43.7762, 35.6550 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(216, 165, 152) }
```


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

```
.border{ border-color:rgb(216, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4415, 43.7762, 35.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 152) }
```

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

```
.background{ background-color: rgb(216,  
165, 152) }
```

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