

Converting Colors

XYZ(49.5517, 47.1882, 34.0681)

Have a look what the booklet for
XYZ(49.5517, 47.1882, 34.0681)
contains.

XYZ(49.4234, 47.0538, 34.0812)	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(49.4234, 47.0538,
34.0812)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAD93
RGB	219, 173, 147
RGB Percent	86%, 68%, 58%
CMY	0.1412, 0.3215, 0.4235
CMYK	0.00, 0.21, 0.33, 0.14
HSL	22°, 50%, 72%
HSV	22°, 33%, 86%
XYZ	49.4234, 47.0538, 34.0812
YIQ	183.7900, 35.7620, 1.6660

Conversions

Conversions Part 2

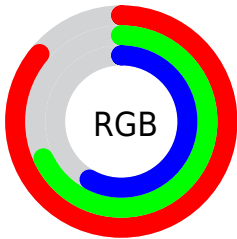
Format	Color
R _Y B	219, 188, 147
Decimal	14396819
CIE Lab	74.22, 13.17, 19.76
CIE LCh	74, 23.752, 56.318
Yxy	47.0538, 0.3786, 0.3604
Android (android.graphics.Color)	4292586899 (0xFFDBAD93)
YUV	183.7900, -18.1375, 30.8792
Hunter-Lab	68.5958, 8.5670, 18.5593

Details

The XYZ color **49.4234, 47.0538, 34.0812** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8881, 49.4557, 74.2505**, and the grayscale version is **45.5282, 47.8992, 52.1622**.

A 20% lighter version of the original color is **79.5260, 80.9639, 66.6945**, and **24.0529, 22.3058, 14.1041** is the 20% darker color. If you saturate the color by 10%, you get **45.3223, 41.3449, 25.0277**, and if you desaturate by 10%, it is **54.1350, 53.4598, 44.9532**.

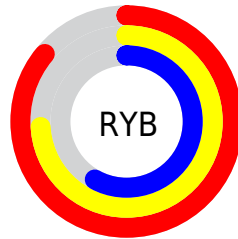
Distribution



Red (86%)

Green (68%)

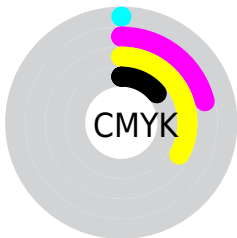
Blue (58%)



Red (86%)

Yellow (74%)

Blue (58%)

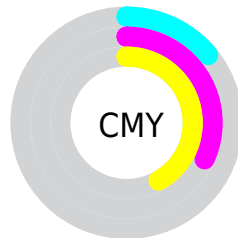


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (14%)



Cyan (14%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4234, 47.0538, 34.0812 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 49.4234, 47.0538, 34.0812 by changing the saturation by 10% instead.


 49.4234, 47.0538,
34.0812


 49.4234, 47.0538,
34.0812


374.8961,
375.0292, 335.2742

 35.1714, 33.0782,
22.6781


 88.5169, 85.7939,
67.1953

 23.9621, 22.1863,
14.1530


 114.0891,
111.3272, 89.7433

 15.4301, 13.9939,
8.0872


144.1654,
141.4819, 116.8435

 9.2100, 8.1164,
4.0622

179.1112,
176.6423, 148.9142

 4.9366, 4.1695,
1.6595

219.2918,
217.1928, 186.3741

 2.2445, 1.7688,
0.3328

265.0726,

 0.7660, 0.4676,

263.5179, 229.6417

0.0000

316.8189,
316.0019, 279.1356

■ 0.0000, 0.0000,
0.0000

■ 49.4234, 47.0538,
34.0812

■ 49.4234, 47.0538,
34.0812

■ 45.3223, 41.3449,
25.0277

■ 54.1350, 53.4598,
44.9532

■ 41.8010, 36.3019,
17.6889

■ 59.4789, 60.5797,
57.7339

■ 38.8309, 31.9007,
11.9548

■ 65.4802, 68.4378,
72.5110

■ 36.3798, 28.1130,
7.7014

■ 72.1613, 77.0553,
89.3656

■ 34.4109, 24.9082,
4.7859

■ 79.3010, 86.3554,
107.0964

■ 32.8817, 22.2518,
3.0367

■ 83.0234, 93.8000,
108.3372

■ 32.0164, 20.6661,
2.3015

Harmonies

Analogous

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



52.4777, 47.0538, 41.5174



49.4234, 47.0538, 34.0812



45.2516, 47.0538, 31.2011

Triad

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



49.4234, 47.0538, 34.0812



37.0340, 47.0538, 49.7411



48.4555, 47.0538, 75.2796

Complementary

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



49.4234, 47.0538, 34.0812



43.8881, 49.4557, 74.2505

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.



44.1990, 47.0538, 78.4031



49.4234, 47.0538, 34.0812



37.7729, 47.0538, 62.3584

Square

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



49.4234, 47.0538, 34.0812



38.2451, 47.0538, 39.2894



40.3309, 47.0538, 73.3484



51.8944, 47.0538, 65.3819

Rectangle

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



49.4234, 47.0538, 34.0812



42.4602, 47.0538, 31.8500



40.3309, 47.0538, 73.3484



47.0653, 47.0538, 77.2181

Sweetspot

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



49.4246, 47.0560, 34.0822



86.2345, 88.5085, 87.0341



49.3625, 39.8140, 56.0047



18.2091, 18.6173, 18.0215



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.



49.4246, 47.0560, 34.0822



65.9360, 61.1116, 39.5736



57.0847, 62.3761, 36.6355



13.4391, 13.8175, 13.6843



19.0792, 12.4439, 1.3963



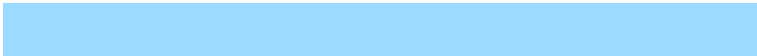
1.3162, 0.9665, 0.1172

Inverse Universe

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



43.8881, 49.4557, 74.2505



57.0260, 64.9484, 104.1384



37.0121, 35.7036, 71.9585



13.0288, 13.9973, 16.6672



13.2412, 14.3518, 41.8107



0.9385, 1.0911, 2.7356

Previews

White Background



This preview shows how the XYZ color 49.4234, 47.0538, 34.0812 looks on a white background.

Color Contrast Check

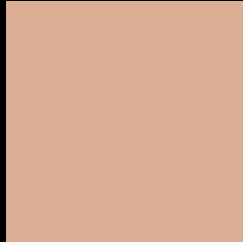
Large Text (above 18pt) WCAG AA × Fail

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 49.4234, 47.0538, 34.0812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

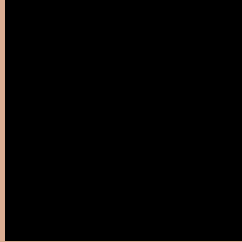
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4234, 47.0538, 34.0812

Background



This preview shows how black text looks on a background with the XYZ color 49.4234, 47.0538, 34.0812.



This preview shows how white text looks on a background with the XYZ color 49.4234, 47.0538,

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

49.4234, 47.0538, 34.0812

Protanopia

44.3062, 47.0277, 36.0202

Deuteranopia

48.2324, 47.3034, 34.1921



Tritanopia

52.7745, 47.0294, 50.0121

Trichromacy



Original Color

49.4234, 47.0538, 34.0812

Protanomaly

45.9822, 46.9988, 35.5023

Deuteranomaly

48.6208, 47.2136, 34.1543

Tritanomaly

51.6604, 47.1436, 43.9129

Monochromacy



Original Color

49.4234, 47.0538, 34.0812

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.6979, 47.4531, 45.2262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4234, 47.0538, 34.0812 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(219, 173, 147)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 147)  
}
```

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(219, 173, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 147) }
```

Border

The CSS property to change the border of an element to XYZ 49.4234, 47.0538, 34.0812 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(219, 173, 147) }
```


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

```
.border{ border-color:rgb(219, 173, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 173, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 147);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4234, 47.0538, 34.0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 173, 147) }
```

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

```
.background{ background-color: rgb(219,  
173, 147) }
```

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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