

Converting Colors

XYZ(49.8792, 52.0718, 35.6306)

Have a look what the booklet for
XYZ(49.8792, 52.0718, 35.6306)
contains.

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Color

**XYZ(49.8374, 52.0886,
35.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BD94
RGB	209, 189, 148
RGB Percent	82%, 74%, 58%
CMY	0.1804, 0.2588, 0.4196
CMYK	0.00, 0.10, 0.29, 0.18
HSL	40°, 40%, 70%
HSV	40°, 29%, 82%
XYZ	49.8374, 52.0886, 35.4444
YIQ	190.3060, 25.0810, -8.5110

Conversions

Conversions Part 2

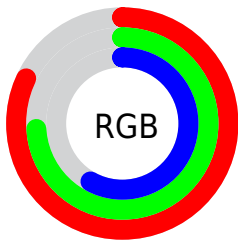
Format	Color
RYB	178, 209, 148
Decimal	13745556
CIELab	77.33, 0.89, 23.34
CIELCh	77, 23.356, 87.820
Yxy	52.0886, 0.3628, 0.3792
Android (android.graphics.Color)	4291935636 (0xFFD1BD94)
YUV	190.3060, -20.8569, 16.3946
Hunter-Lab	72.1724, -3.0417, 21.4030

Details

The XYZ color **49.8374, 52.0886, 35.4444** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7238, 38.9036, 65.8427**, and the grayscale version is **49.2275, 51.7911, 56.4005**.

A 20% lighter version of the original color is **84.5531, 90.8291, 68.9525**, and **24.2883, 25.3414, 14.9205** is the 20% darker color. If you saturate the color by 10%, you get **46.8916, 48.6094, 27.0246**, and if you desaturate by 10%, it is **53.1543, 55.8312, 45.4628**.

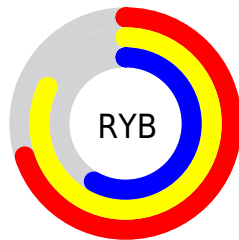
Distribution



Red (82%)

Green (74%)

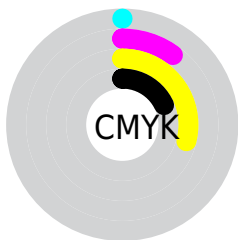
Blue (58%)



Red (70%)

Yellow (82%)

Blue (58%)

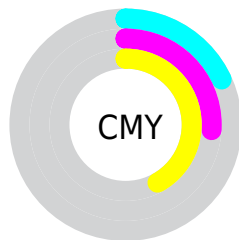


Cyan (0%)

Magenta (10%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.8374, 52.0886, 35.4444 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 49.8374, 52.0886, 35.4444 by changing the saturation by 10% instead.


 49.8374, 52.0886,
35.4444


 49.8374, 52.0886,
35.4444


376.4922,
394.7786, 341.4892

 35.5015, 37.0757,
23.7191


 89.1272, 93.2619,
69.3330

 24.2178, 25.2661,
14.9151


 114.8118,
120.1911, 92.3334

 15.6208, 16.2754,
8.6139


145.0099,
151.8611, 119.9293

 9.3454, 9.7193,
4.3968

180.0871,
188.6565, 152.5391

 5.0261, 5.2132,
1.8455

220.4085,
230.9615, 190.5815

 2.2975, 2.3729,
0.4577

266.3396,

 0.7934, 0.8119,

279.1606, 234.4749

0.0000

318.2457,
333.6381, 284.6380

■ 0.0000, 0.0000,
0.0000

■ 49.8374, 52.0886,
35.4444

■ 49.8374, 52.0886,
35.4444

■ 46.8916, 48.6094,
27.0246

■ 53.1543, 55.8312,
45.4628

■ 44.2957, 45.3783,
20.1150

■ 56.8540, 59.8381,
57.1551

■ 42.0326, 42.3886,
14.6238

■ 60.9527, 64.1188,
70.5958

■ 40.0817, 39.6306,
10.4476

■ 65.4644, 68.6805,
85.8541

■ 38.4198, 37.0932,
7.4688

■ 70.4021, 73.5299,
102.9951

■ 37.0194, 34.7639,
5.5488

■ 72.6723, 77.4307,
105.7231

■ 35.8360, 32.6232,
4.4570

■ 74.6177, 81.3216,
106.3716

■ 35.7446, 32.4553,
4.3806

■ 76.6390, 85.3641,
107.0454

■ 78.7368, 89.5598,
107.7446

Harmonies

Analogous

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



54.2445, 52.0886, 38.2767



49.8374, 52.0886, 35.4444



45.5925, 52.0886, 37.5584

Triad

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



49.8374, 52.0886, 35.4444



42.2673, 52.0886, 69.0390



57.1713, 52.0886, 70.9107

Complementary

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



49.8374, 52.0886, 35.4444



37.7238, 38.9036, 65.8427

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.



53.6429, 52.0886, 81.4800



49.8374, 52.0886, 35.4444



45.0568, 52.0886, 80.2898

Square

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



49.8374, 52.0886, 35.4444



41.3823, 52.0886, 55.7814



49.1814, 52.0886, 85.1450



58.6348, 52.0886, 57.6603

Rectangle

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



49.8374, 52.0886, 35.4444



43.3898, 52.0886, 41.6973



49.1814, 52.0886, 85.1450



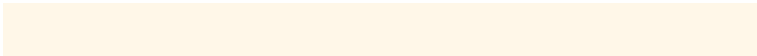
56.1773, 52.0886, 74.9660

Sweetspot

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



49.8387, 52.0910, 35.4455



89.2194, 93.9027, 89.8038



43.9839, 37.5754, 42.1440



18.9054, 19.8953, 18.6071



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.



49.8387, 52.0910, 35.4455



75.2269, 78.2577, 47.0966



51.6551, 59.8587, 36.8491



12.4632, 13.1172, 12.4870



22.1323, 20.1975, 2.7320



1.3083, 1.2709, 0.1763

Inverse Universe

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



37.7238, 38.9036, 65.8427



53.2399, 54.3328, 102.2890



36.2325, 33.0700, 64.7953



11.4757, 12.0416, 14.9631



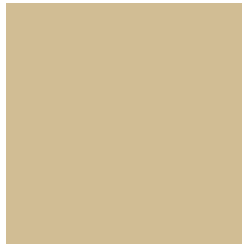
8.4701, 5.5867, 37.8244



0.5455, 0.4562, 2.1389

Previews

White Background



This preview shows how the XYZ color 49.8374, 52.0886, 35.4444 looks on a white background.

Color Contrast Check

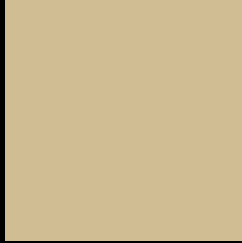
Large Text (above 18pt) WCAG AA × Fail

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 49.8374, 52.0886, 35.4444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

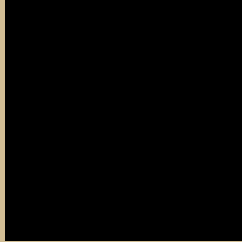
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.8374, 52.0886, 35.4444

Background



This preview shows how black text looks on a background with the XYZ color 49.8374, 52.0886, 35.4444.



This preview shows how white text looks on a background with the XYZ color 49.8374, 52.0886,

35.4444.

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

49.8374, 52.0886, 35.4444

Protanopia

48.9575, 52.2689, 35.9423

Deuteranopia

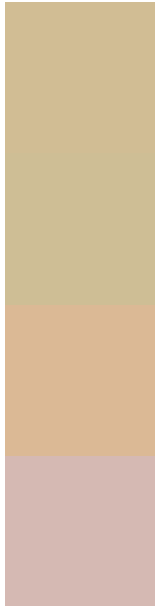
53.0988, 51.8842, 35.6498



Tritanopia

54.8303, 51.9342, 59.9578

Trichromacy



Original Color

49.8374, 52.0886, 35.4444

Protanomaly

49.2919, 52.1186, 35.8957

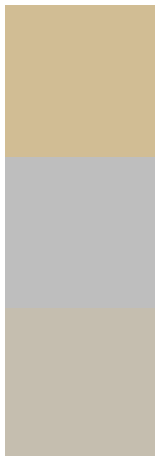
Deuteranomaly

51.9872, 51.9279, 35.7168

Tritanomaly

52.9262, 52.0987, 49.9144

Monochromacy



Original Color

49.8374, 52.0886, 35.4444

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.1773, 51.7924, 47.9624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8374, 52.0886, 35.4444 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(209, 189, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 148)  
}
```

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(209, 189, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 148) }
```

Border

The CSS property to change the border of an element to XYZ 49.8374, 52.0886, 35.4444 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(209, 189, 148) }
```


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

```
.border{ border-color:rgb(209, 189, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 189, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 189, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 189,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8374, 52.0886, 35.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 148) }
```

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

```
.background{ background-color: rgb(209,  
189, 148) }
```

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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