

Converting Colors

XYZ(49.2557, 49.9044, 34.2306)

Have a look what the booklet for
XYZ(49.2557, 49.9044, 34.2306)
contains.

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Color

**XYZ(49.2732, 49.9393,
34.2364)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B792
RGB	212, 183, 146
RGB Percent	83%, 72%, 57%
CMY	0.1686, 0.2823, 0.4274
CMYK	0.00, 0.14, 0.31, 0.17
HSL	34°, 43%, 70%
HSV	34°, 31%, 83%
XYZ	49.2732, 49.9393, 34.2364
YIQ	187.4530, 29.1610, -5.3590

Conversions

Conversions Part 2

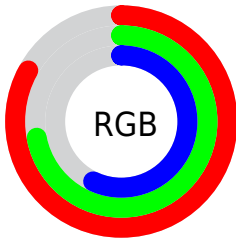
Format	Color
R _{YB}	198, 212, 146
Decimal	13940626
CIE Lab	76.03, 4.97, 22.68
CIE LCh	76, 23.214, 77.632
Yxy	49.9393, 0.3692, 0.3742
Android (android.graphics.Color)	4292130706 (0xFFD4B792)
YUV	187.4530, -20.4363, 21.5277
Hunter-Lab	70.6677, 0.7909, 20.7432

Details

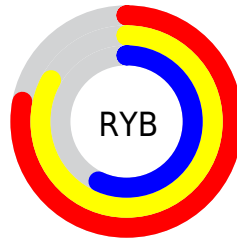
The XYZ color **49.2732, 49.9393, 34.2364** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0674, 41.5233, 68.2434**, and the grayscale version is **47.5914, 50.0699, 54.5261**.

A 20% lighter version of the original color is **82.5318, 87.1631, 67.1179**, and **23.7585, 23.8594, 14.1796** is the 20% darker color. If you saturate the color by 10%, you get **45.9170, 45.6257, 25.7222**, and if you desaturate by 10%, it is **53.0650, 54.6341, 44.4056**.

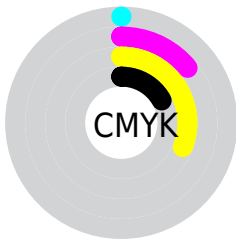
Distribution



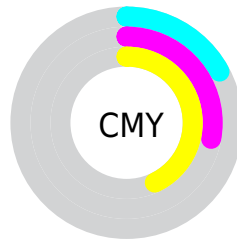
- Red (83%)
- Green (72%)
- Blue (57%)



- Red (78%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2732, 49.9393, 34.2364 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 49.2732, 49.9393, 34.2364 by changing the saturation by 10% instead.


 49.2732, 49.9393,
34.2364


 49.2732, 49.9393,
34.2364


374.3160,
386.4285, 335.9861

 35.0517, 35.3652,
22.7964


 88.2954, 90.0849,
67.4392

 23.8694, 23.9443,
14.2394


 113.8267,
116.4252, 90.0391

 15.3610, 15.2923,
8.1467


143.8587,
147.4564, 117.1962

 9.1611, 9.0248,
4.0998

178.7567,
183.5627, 149.3288

 4.9043, 4.7574,
1.6803

218.8861,
225.1288, 186.8555

 2.2254, 2.1056,
0.3472

264.6122,

 0.7561, 0.6678,

272.5388, 230.1950

0.0000

316.3004,
326.1772, 279.7657

■ 0.0000, 0.0000,
0.0000

■ 49.2732, 49.9393,
34.2364

■ 49.2732, 49.9393,
34.2364

■ 45.9170, 45.6257,
25.7222

■ 53.0650, 54.6341,
44.4056

■ 42.9731, 41.6748,
18.7699

■ 57.3064, 59.7142,
56.3099

■ 40.4218, 38.0764,
13.2820

■ 62.0158, 65.1924,
70.0278

■ 38.2396, 34.8170,
9.1483

■ 67.2089, 71.0786,
85.6319

■ 36.4002, 31.8818,
6.2429

■ 72.9009, 77.3824,
103.1910

■ 34.8725, 29.2538,
4.4158

■ 76.0352, 82.8846,
106.5986

■ 33.7320, 27.1580,
3.4642

■ 78.8310, 88.4761,
107.5305

■ 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



53.3059, 49.9393, 38.5801



49.2732, 49.9393, 34.2364



44.9862, 49.9393, 34.6548

Triad

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



49.2732, 49.9393, 34.2364



39.9588, 49.9393, 61.9293



53.8926, 49.9393, 72.0960

Complementary

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



49.2732, 49.9393, 34.2364



39.0674, 41.5233, 68.2434

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.



50.0349, 49.9393, 80.4385



49.2732, 49.9393, 34.2364



42.0687, 49.9393, 73.9826

Square

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



49.2732, 49.9393, 34.2364



39.7825, 49.9393, 49.4220



45.7032, 49.9393, 81.1772



56.0797, 49.9393, 59.6492

Rectangle

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



49.2732, 49.9393, 34.2364



42.5573, 49.9393, 37.5803



45.7032, 49.9393, 81.1772



52.7379, 49.9393, 75.5503

Sweetspot

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



49.2745, 49.9416, 34.2374



88.4400, 92.3439, 89.5440



45.2375, 37.6781, 45.8077



18.7131, 19.5106, 18.5430



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.



49.2745, 49.9416, 34.2374



71.5748, 71.6862, 43.6210



54.9418, 62.6742, 36.3964



12.9950, 13.5643, 13.0940



20.9257, 16.9687, 2.1724



1.3440, 1.1871, 0.1583

Inverse Universe

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



39.0674, 41.5233, 68.2434



53.8217, 57.0491, 102.7826



34.6124, 31.7297, 66.5878



12.1870, 12.8975, 15.7847



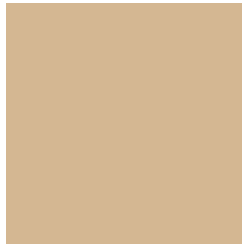
9.8565, 7.9748, 39.4729



0.6761, 0.6443, 2.4080

Previews

White Background



This preview shows how the XYZ color 49.2732, 49.9393, 34.2364 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 49.2732, 49.9393, 34.2364 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 49.2732, 49.9393, 34.2364

Background



This preview shows how black text looks on a background with the XYZ color 49.2732, 49.9393, 34.2364.



This preview shows how white text looks on a background with the XYZ color 49.2732, 49.9393,

34.2364.

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

49.2732, 49.9393, 34.2364

Protanopia

46.9350, 49.9581, 35.1861

Deuteranopia

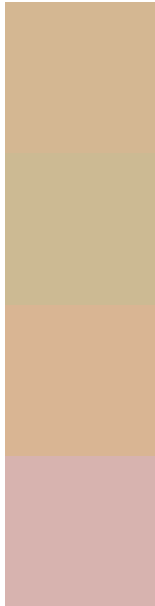
51.1029, 49.9647, 34.5545



Tritanopia

53.7414, 49.9576, 56.1005

Trichromacy



Original Color

49.2732, 49.9393, 34.2364

Protanomaly

47.7272, 50.0618, 34.7512

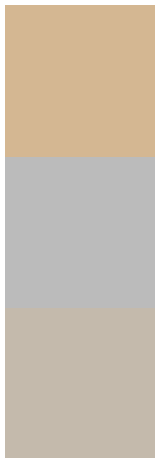
Deuteranomaly

50.4056, 49.9060, 34.5799

Tritanomaly

51.8823, 49.7824, 47.4319

Monochromacy



Original Color

49.2732, 49.9393, 34.2364

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.7702, 49.8321, 46.1305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2732, 49.9393, 34.2364 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(212, 183, 146)` looks like.

```
.text, #text, p{  
    color:rgb(212, 183, 146)  
}
```

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(212, 183, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 183, 146) }
```

Border

The CSS property to change the border of an element to XYZ 49.2732, 49.9393, 34.2364 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(212, 183, 146) }
```


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

```
.border{ border-color:rgb(212, 183, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 183, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 183, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 183, 146);  
box-shadow:4px 4px 4px 4px rgb(212, 183,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2732, 49.9393, 34.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 183, 146) }
```

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

```
.background{ background-color: rgb(212,  
183, 146) }
```

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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