

Converting Colors

XYZ(49.5553, 51.9432, 35.4312)

Have a look what the booklet for
XYZ(49.5553, 51.9432, 35.4312)
contains.

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Color

**XYZ(49.5553, 51.9432,
35.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BD94
RGB	208, 189, 148
RGB Percent	82%, 74%, 58%
CMY	0.1843, 0.2588, 0.4196
CMYK	0.00, 0.09, 0.29, 0.18
HSL	41°, 39%, 70%
HSV	41°, 29%, 82%
XYZ	49.5553, 51.9432, 35.4312
YIQ	190.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

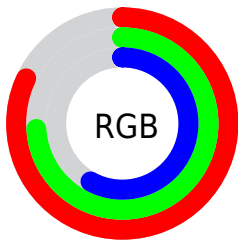
Format	Color
RYB	176, 208, 148
Decimal	13680020
CIELab	77.25, 0.50, 23.21
CIELCh	77, 23.212, 88.763
Yxy	51.9432, 0.3619, 0.3793
Android (android.graphics.Color)	4291870100 (0xFFD0BD94)
YUV	190.0070, -20.7095, 15.7799
Hunter-Lab	72.0716, -3.3916, 21.3025

Details

The XYZ color **49.5553, 51.9432, 35.4312** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4163, 38.4863, 65.1312**, and the grayscale version is **49.0543, 51.6090, 56.2022**.

A 20% lighter version of the original color is **84.5531, 90.8291, 68.9525**, and **24.0987, 25.2437, 14.9116** is the 20% darker color. If you saturate the color by 10%, you get **46.6705, 48.5758, 27.0639**, and if you desaturate by 10%, it is **52.8030, 55.5624, 45.3802**.

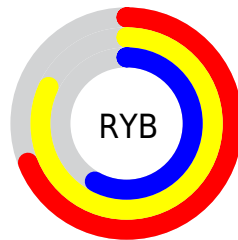
Distribution



Red (82%)

Green (74%)

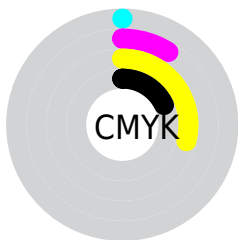
Blue (58%)



Red (69%)

Yellow (82%)

Blue (58%)

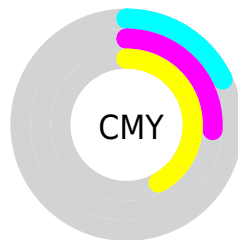


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5553, 51.9432, 35.4312 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 49.5553, 51.9432, 35.4312 by changing the saturation by 10% instead.


 49.5553, 51.9432,
35.4312


 49.5553, 51.9432,
35.4312


375.4051,
394.2173, 341.4295

 35.2765, 36.9598,
23.7090


 88.7114, 93.0475,
69.3124

 24.0435, 25.1764,
14.9077


 114.3195,
119.9371, 92.3084

 15.4908, 16.2085,
8.6087

144.4347,
151.5643, 119.8995

 9.2531, 9.6718,
4.3936

179.4223,
188.3135, 152.5042

 4.9651, 5.1819,
1.8436

219.6479,
230.5689, 190.5410

 2.2613, 2.3544,
0.4565

265.4766,

 0.7748, 0.8023,

278.7151, 234.4284

0.0000

317.2739,
333.1365, 284.5851

■ 0.0000, 0.0000,
0.0000

■ 49.5553, 51.9432,
35.4312

■ 49.5553, 51.9432,
35.4312

■ 46.6705, 48.5758,
27.0639

■ 52.8030, 55.5624,
45.3802

■ 44.1280, 45.4450,
20.1914

■ 56.4250, 59.4337,
56.9852

■ 41.9107, 42.5445,
14.7232

■ 60.4372, 63.5666,
70.3198

■ 39.9987, 39.8649,
10.5575

■ 64.8533, 67.9679,
85.4518

■ 38.3690, 37.3956,
7.5788

■ 69.6863, 72.6440,
102.4458

■ 36.9951, 35.1244,
5.6511

■ 71.9480, 76.4009,
105.5625

■ 35.8346, 33.0330,
4.5563

■ 73.7997, 80.1043,
106.1798

■ 35.7077, 32.8004,
4.4491

■ 75.7212, 83.9473,
106.8203

■ 77.7132, 87.9314,
107.4843

Harmonies

Analogous

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



53.9403, 51.9432, 38.0910



49.5553, 51.9432, 35.4312



45.3678, 51.9432, 37.6862

Triad

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



49.5553, 51.9432, 35.4312



42.2454, 51.9432, 69.1829



57.0511, 51.9432, 70.2357

Complementary

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



49.5553, 51.9432, 35.4312



37.4163, 38.4863, 65.1312

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.



53.6018, 51.9432, 80.8642



49.5553, 51.9432, 35.4312



45.0663, 51.9432, 80.1950

Square

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



49.5553, 51.9432, 35.4312



41.3031, 51.9432, 56.0302



49.1861, 51.9432, 84.7538



58.4253, 51.9432, 57.0877

Rectangle

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



49.5553, 51.9432, 35.4312



43.2135, 51.9432, 41.8977



49.1861, 51.9432, 84.7538



56.0861, 51.9432, 74.2905

Sweetspot

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



49.5566, 51.9456, 35.4323



89.2984, 94.0606, 89.8301



43.5778, 37.3803, 41.4781



18.9249, 19.9343, 18.6136



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.



49.5566, 51.9456, 35.4323



75.4992, 78.8025, 47.1874



50.9274, 59.1204, 36.7449



12.4746, 13.1400, 12.4908



22.3452, 20.6234, 2.8030



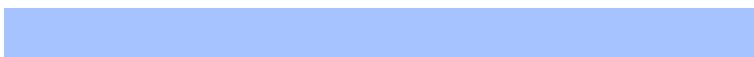
1.3190, 1.2923, 0.1799

Inverse Universe

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



37.4163, 38.4863, 65.1312



53.0166, 53.8861, 102.2145



36.2737, 33.1055, 64.1528



11.4648, 12.0198, 14.9595



8.3819, 5.4103, 37.7950



0.5396, 0.4444, 2.1369

Previews

White Background



This preview shows how the XYZ color 49.5553, 51.9432, 35.4312 looks on a white background.

Color Contrast Check

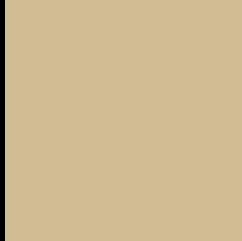
Large Text (above 18pt) WCAG AA × Fail

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 49.5553, 51.9432, 35.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

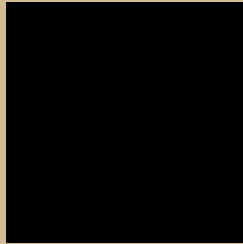
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5553, 51.9432, 35.4312

Background



This preview shows how black text looks on a background with the XYZ color 49.5553, 51.9432, 35.4312.



This preview shows how white text looks on a background with the XYZ color 49.5553, 51.9432,

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

49.5553, 51.9432, 35.4312

Protanopia

48.6842, 52.1280, 35.9296

Deuteranopia

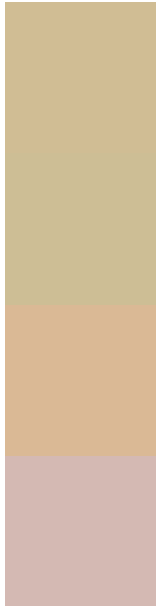
52.7897, 51.7249, 35.6354



Tritanopia

54.5375, 51.7833, 59.9441

Trichromacy



Original Color

49.5553, 51.9432, 35.4312

Protanomaly

49.0151, 51.9760, 35.8828

Deuteranomaly

51.6872, 51.7733, 35.7028

Tritanomaly

52.6370, 51.9496, 49.9008

Monochromacy



Original Color

49.5553, 51.9432, 35.4312

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 49.5553, 51.9432, 35.4312 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, 189, 148)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 189, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 189, 148) }
```

Border

The CSS property to change the border of an element to XYZ 49.5553, 51.9432, 35.4312 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, 189, 148) }
```


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

```
.border{ border-color:rgb(208, 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(208, 189, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 189, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 189, 148);  
box-shadow:4px 4px 4px 4px rgb(208, 189,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5553, 51.9432, 35.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 189, 148) }
```

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

```
.background{ background-color: rgb(208,  
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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