

Converting Colors

XYZ(50.9744, 53.3344, 34.8175)

Have a look what the booklet for
XYZ(50.9744, 53.3344, 34.8175)
contains.

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Color

**XYZ(50.9705, 53.3340,
34.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BF92
RGB	212, 191, 146
RGB Percent	83%, 75%, 57%
CMY	0.1686, 0.2510, 0.4274
CMYK	0.00, 0.10, 0.31, 0.17
HSL	41°, 43%, 70%
HSV	41°, 31%, 83%
XYZ	50.9705, 53.3340, 34.8022
YIQ	192.1490, 26.9610, -9.5430

Conversions

Conversions Part 2

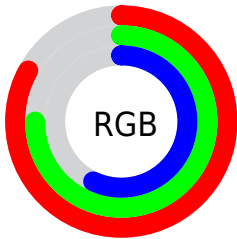
Format	Color
R_{YB}	177, 212, 146
Decimal	13942674
CIE _{Lab}	78.07, 0.74, 25.45
CIE _{LCh}	78, 25.458, 88.334
Yxy	53.3340, 0.3664, 0.3834
Android (android.graphics.Color)	4292132754 (0xFFD4BF92)
YUV	192.1490, -22.7515, 17.4093
Hunter-Lab	73.0301, -3.2208, 22.8667

Details

The XYZ color **50.9705, 53.3340, 34.8022** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5561, 38.5008, 67.7394**, and the grayscale version is **50.3088, 52.9288, 57.6395**.

A 20% lighter version of the original color is **84.9261, 91.9517, 67.9159**, and **24.8643, 26.0711, 14.5482** is the 20% darker color. If you saturate the color by 10%, you get **48.0353, 49.8624, 26.4284**, and if you desaturate by 10%, it is **54.2820, 57.0683, 44.8114**.

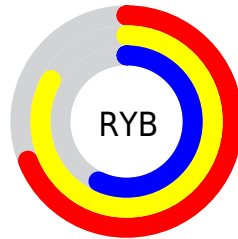
Distribution



Red (83%)

Green (75%)

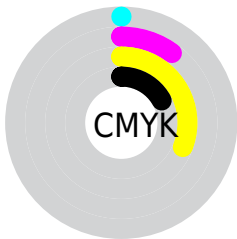
Blue (57%)



Red (69%)

Yellow (83%)

Blue (57%)

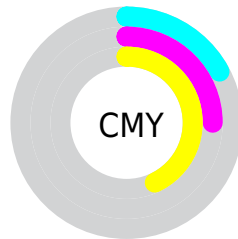


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9705, 53.3340, 34.8022 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 50.9705, 53.3340, 34.8022 by changing the saturation by 10% instead.


 50.9705, 53.3340,
34.8022


 50.9705, 53.3340,
34.8022


380.8387,
399.5652, 338.5721

 36.4061, 38.0695,
23.2282


 90.7944, 95.0957,
68.3273

 24.9195, 26.0366,
14.5552


 116.7846,
122.3616, 91.1155

 16.1455, 16.8510,
8.3647

147.3141,
154.3968, 118.4789

 9.7187, 10.1283,
4.2381

182.7483,
191.5856, 150.8360

 5.2737, 5.4841,
1.7568

223.4525,
234.3124, 188.6053

 2.4451, 2.5340,
0.3993

269.7921,

 0.8677, 0.8936,

282.9617, 232.2054

0.0000

322.1323,
337.9179, 282.0548

■ 0.0000, 0.0000,
0.0000

■ 50.9705, 53.3340,
34.8022

■ 50.9705, 53.3340,
34.8022

■ 48.0353, 49.8624,
26.4284

■ 54.2820, 57.0683,
44.8114

■ 45.4545, 46.6376,
19.5971

■ 57.9822, 61.0659,
56.5353

■ 43.2100, 43.6528,
14.2114


■ 62.0880, 65.3369,
70.0519

■ 41.2800, 40.8978,
10.1618


■ 66.6138, 69.8884,
85.4335


■ 39.6399, 38.3611,
7.3228


■ 71.5734, 74.7274,
102.7485


 38.2603, 36.0295,
5.5451

 73.9088, 78.6318,
105.8898

 37.2099, 34.1139,
4.6235

 75.8380, 82.4902,
106.5329

 77.8408, 86.4958,
107.2004

 79.9179, 90.6501,
107.8928

Harmonies

Analogous

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



55.8719, 53.3340, 37.7683



50.9705, 53.3340, 34.8022



46.2944, 53.3340, 37.1746

Triad

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



50.9705, 53.3340, 34.8022



42.7440, 53.3340, 72.0408



59.2610, 53.3340, 73.6425

Complementary

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



50.9705, 53.3340, 34.8022



37.5561, 38.5008, 67.7394

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.



55.3604, 53.3340, 85.6194



50.9705, 53.3340, 34.8022



45.8433, 53.3340, 84.5936

Square

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



50.9705, 53.3340, 34.8022



41.7347, 53.3340, 57.2802



50.4152, 53.3340, 89.9183



60.8480, 53.3340, 58.8704

Rectangle

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



50.9705, 53.3340, 34.8022



43.8889, 53.3340, 41.7237



50.4152, 53.3340, 89.9183



58.1649, 53.3340, 78.2134

Sweetspot

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



50.9719, 53.3364, 34.8033



89.2876, 94.0391, 89.8266



44.4986, 37.3826, 41.9166



18.9223, 19.9290, 18.6127



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.



50.9719, 53.3364, 34.8033



74.5637, 77.6639, 44.6173



52.8195, 61.5800, 36.2971



13.1242, 13.8227, 13.1370



23.0652, 21.2477, 2.8855



1.4642, 1.4276, 0.1984

Inverse Universe

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



37.5561, 38.5008, 67.7394



51.2350, 51.8758, 101.9204



36.0678, 32.4800, 66.6558



12.0618, 12.6471, 15.7429



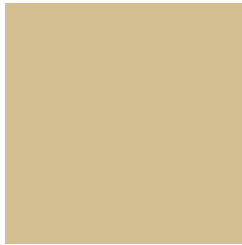
8.6719, 5.6055, 39.0781



0.5967, 0.4855, 2.3816

Previews

White Background



This preview shows how the XYZ color 50.9705, 53.3340, 34.8022 looks on a white background.

Color Contrast Check

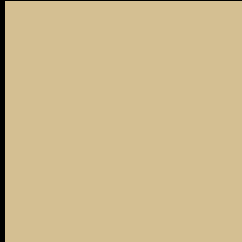
Large Text (above 18pt) WCAG AA × Fail

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 50.9705, 53.3340, 34.8022 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 50.9705, 53.3340, 34.8022

Background



This preview shows how black text looks on a background with the XYZ color 50.9705, 53.3340, 34.8022.

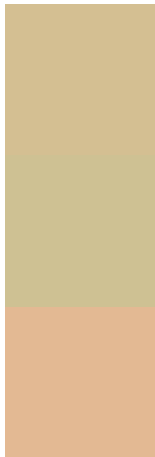


This preview shows how white text looks on a background with the XYZ color 50.9705, 53.3340,

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

50.9705, 53.3340, 34.8022

Protanopia

49.7900, 53.3683, 35.2807

Deuteranopia

54.2940, 53.1354, 34.9983



Tritanopia

56.2470, 53.2636, 60.7425

Trichromacy



Original Color

50.9705, 53.3340, 34.8022

Protanomaly

50.1285, 53.2158, 35.2334

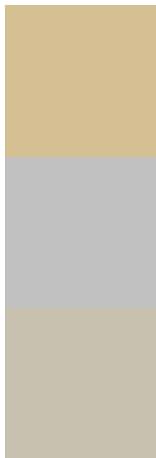
Deuteranomaly

53.1610, 53.1768, 35.0660

Tritanomaly

54.2259, 53.3943, 50.0959

Monochromacy



Original Color

50.9705, 53.3340, 34.8022

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1407, 52.9365, 48.1325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9705, 53.3340, 34.8022 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, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 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, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 146) }
```

Border

The CSS property to change the border of an element to XYZ 50.9705, 53.3340, 34.8022 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, 191, 146) }
```


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

```
.border{ border-color:rgb(212, 191, 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, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 146);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9705, 53.3340, 34.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 146) }
```

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

```
.background{ background-color: rgb(212,  
191, 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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