

Converting Colors

XYZ(52.3468, 54.7220, 33.7900)

Have a look what the booklet for
XYZ(52.3468, 54.7220, 33.7900)
contains.

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Color

**XYZ(52.3468, 54.7220,
33.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C18F
RGB	216, 193, 143
RGB Percent	85%, 76%, 56%
CMY	0.1529, 0.2431, 0.4392
CMYK	0.00, 0.11, 0.34, 0.15
HSL	41°, 48%, 70%
HSV	41°, 34%, 85%
XYZ	52.3468, 54.7220, 33.7900
YIQ	194.1770, 29.7580, -10.6740

Conversions

Conversions Part 2

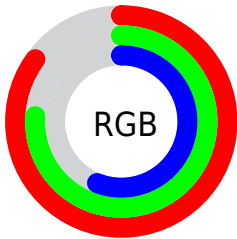
Format	Color
RYB	177, 216, 143
Decimal	14205327
CIELab	78.88, 0.88, 28.18
CIElCh	79, 28.195, 88.218
Yxy	54.7220, 0.3716, 0.3885
Android (android.graphics.Color)	4292395407 (0xFFD8C18F)
YUV	194.1770, -25.2303, 19.1388
Hunter-Lab	73.9743, -3.1423, 24.6995

Details

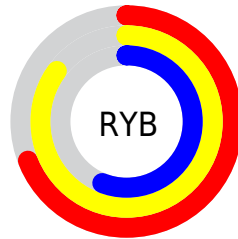
The XYZ color **52.3468, 54.7220, 33.7900** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3583, 38.0688, 70.3449**, and the grayscale version is **51.5165, 54.1994, 59.0232**.

A 20% lighter version of the original color is **85.1937, 93.0426, 66.2921**, and **25.8071, 27.0025, 13.9770** is the 20% darker color. If you saturate the color by 10%, you get **49.3962, 51.1920, 25.4962**, and if you desaturate by 10%, it is **55.6845, 58.5215, 43.7684**.

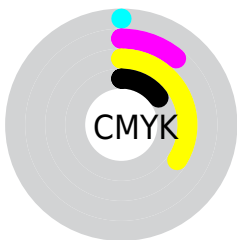
Distribution



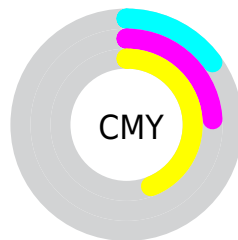
- Red (85%)
- Green (76%)
- Blue (56%)



- Red (69%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3468, 54.7220, 33.7900 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 52.3468, 54.7220, 33.7900 by changing the saturation by 10% instead.


 52.3468, 54.7220,
33.7900


 52.3468, 54.7220,
33.7900


386.0760,
404.8573, 333.9352

 37.5070, 39.1792,
22.4563


 92.8137, 97.1335,
66.7371

 25.7757, 26.8992,
13.9910


 119.1715,
124.7710, 89.1876

 16.7877, 17.4975,
7.9757


150.0993,
157.2089, 116.1807

 10.1776, 10.5898,
3.9919

185.9624,
194.8315, 148.1351

 5.5801, 5.7917,
1.6209

227.1263,
238.0232, 185.4691

 2.6297, 2.7189,
0.3057

273.9563,

 0.9611, 0.9868,

287.1685, 228.6015

0.0000

326.8178,
342.6517, 277.9506

■ 0.0000, 0.0000,
0.0000

■ 52.3468, 54.7220,
33.7900

■ 52.3468, 54.7220,
33.7900

■ 49.3962, 51.1920,
25.4962

■ 55.6845, 58.5215,
43.7684

■ 46.8095, 47.9149,
18.7877

■ 59.4227, 62.5914,
55.5163

■ 44.5670, 44.8833,
13.5601

■ 63.5792, 66.9422,
69.1169

■ 42.6455, 42.0862,
9.6948

■ 68.1695, 71.5815,
84.6469

■ 41.0179, 39.5114,
7.0548

■ 73.2080, 76.5164,
102.1790

■ 39.6519, 37.1443,
5.4742

■ 75.7434, 80.5678,
106.1668

■ 38.9025, 35.7660,
4.8531

■ 77.7160, 84.5131,
106.8243

■ 79.7639, 88.6088,
107.5069

■ 81.8877, 92.8564,
108.2149

Harmonies

Analogous

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



57.8855, 54.7220, 37.0439



52.3468, 54.7220, 33.7900



47.0893, 54.7220, 36.3505

Triad

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



52.3468, 54.7220, 33.7900



43.0970, 54.7220, 75.3693



61.7023, 54.7220, 77.3265

Complementary

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



52.3468, 54.7220, 33.7900



37.3583, 38.0688, 70.3449

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.



57.2656, 54.7220, 91.0609



52.3468, 54.7220, 33.7900



46.5492, 54.7220, 89.7959

Square

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



52.3468, 54.7220, 33.7900



41.9835, 54.7220, 58.6302



51.6779, 54.7220, 95.9853



63.5216, 54.7220, 60.5460

Rectangle

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



52.3468, 54.7220, 33.7900



44.3954, 54.7220, 41.3228



51.6779, 54.7220, 95.9853



60.4526, 54.7220, 82.5577

Sweetspot

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



52.3482, 54.7245, 33.7911



88.7036, 93.4467, 87.8571



45.0354, 37.0019, 40.9016



18.8062, 19.8116, 18.2205



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.



52.3482, 54.7245, 33.7911



72.9202, 75.7544, 39.8233



54.0384, 63.7379, 35.4418



13.1276, 13.8294, 13.1381



23.1269, 21.3710, 2.9061



1.4676, 1.4344, 0.1995

Inverse Universe

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



37.3583, 38.0688, 70.3449



47.7234, 47.7723, 101.3134



36.0023, 31.7097, 69.1889



12.0587, 12.6407, 15.7419



8.6471, 5.5560, 39.0698



0.5949, 0.4819, 2.3810

Previews

White Background



This preview shows how the XYZ color 52.3468, 54.7220, 33.7900 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 52.3468, 54.7220, 33.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

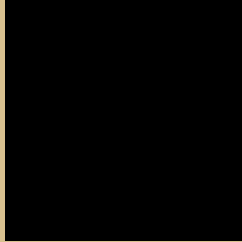
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3468, 54.7220, 33.7900

Background



This preview shows how black text looks on a background with the XYZ color 52.3468, 54.7220, 33.7900.



This preview shows how white text looks on a background with the XYZ color 52.3468, 54.7220,

33.7900.

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

52.3468, 54.7220, 33.7900

Protanopia

51.1275, 54.7455, 34.2578

Deuteranopia

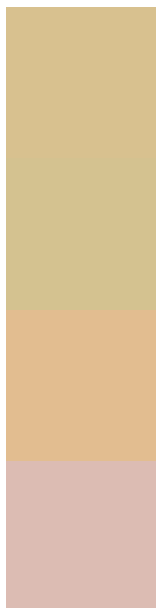
55.7594, 54.5432, 33.9746



Tritanopia

57.8985, 54.3976, 62.0918

Trichromacy



Original Color

52.3468, 54.7220, 33.7900

Protanomaly

51.4772, 54.5942, 34.2102

Deuteranomaly

54.5957, 54.5776, 34.0426

Tritanomaly

55.6351, 54.4368, 50.2229

Monochromacy



Original Color

52.3468, 54.7220, 33.7900

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3868, 54.2353, 48.3175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3468, 54.7220, 33.7900 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(216, 193, 143)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 143)  
}
```

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(216, 193, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 143) }
```

Border

The CSS property to change the border of an element to XYZ 52.3468, 54.7220, 33.7900 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(216, 193, 143) }
```


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

```
.border{ border-color:rgb(216, 193, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 143);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3468, 54.7220, 33.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 143) }
```

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

```
.background{ background-color: rgb(216,  
193, 143) }
```

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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