

Converting Colors

XYZ(51.6265, 53.4989, 33.9295)

Have a look what the booklet for
XYZ(51.6265, 53.4989, 33.9295)
contains.

XYZ(51.4718, 53.2876, 33.9582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.4718, 53.2876,
33.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BE90
RGB	215, 190, 144
RGB Percent	84%, 75%, 56%
CMY	0.1569, 0.2549, 0.4353
CMYK	0.00, 0.12, 0.33, 0.16
HSL	39°, 47%, 70%
HSV	39°, 33%, 84%
XYZ	51.4718, 53.2876, 33.9582
YIQ	192.2310, 29.6660, -9.0060

Conversions

Conversions Part 2

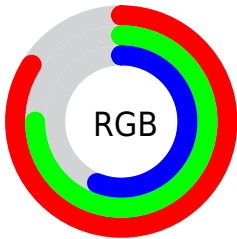
Format	Color
R _Y B	183, 215, 144
Decimal	14139024
CIE Lab	78.04, 2.19, 26.51
CIE LCh	78, 26.605, 85.289
Yxy	53.2876, 0.3711, 0.3841
Android (android.graphics.Color)	4292329104 (0xFFD7BE90)
YUV	192.2310, -23.7779, 19.9684
Hunter-Lab	72.9984, -1.8852, 23.5177

Details

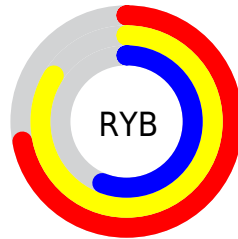
The XYZ color **51.4718, 53.2876, 33.9582** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9549, 39.2102, 69.8579**, and the grayscale version is **50.3615, 52.9842, 57.6998**.

A 20% lighter version of the original color is **84.3888, 91.2488, 66.5911**, and **25.2195, 26.0526, 14.0554** is the 20% darker color. If you saturate the color by 10%, you get **48.3859, 49.4997, 25.5799**, and if you desaturate by 10%, it is **54.9586, 57.3759, 44.0152**.

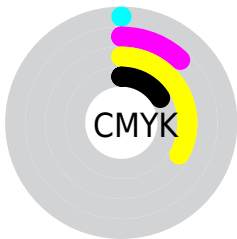
Distribution



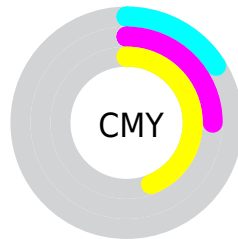
- Red (84%)
- Green (75%)
- Blue (56%)



- Red (72%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4718, 53.2876, 33.9582 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 51.4718, 53.2876, 33.9582 by changing the saturation by 10% instead.

■ 51.4718, 53.2876,
33.9582

■ 51.4718, 53.2876,
33.9582

382.7516,
399.3876, 334.7091

■ 36.8068, 38.0324,
22.5844

■ 91.5306, 95.0274,
67.0018

■ 25.2309, 26.0078,
14.0845

■ 117.6552,
122.2809, 89.5087

■ 16.3788, 16.8295,
8.0401

148.3303,
154.3025, 116.5637

■ 9.8852, 10.1130,
4.0324

183.9213,
191.4767, 148.5853

■ 5.3846, 5.4740,
1.6432

224.7936,
234.1880, 185.9921

■ 2.5117, 2.5279,
0.3213

271.3125,

■ 0.9012, 0.8906,

282.8206, 229.2027

0.0000

323.8434,
337.7590, 278.6355

■ 0.0000, 0.0000,
0.0000

■ 51.4718, 53.2876,
33.9582

■ 51.4718, 53.2876,
33.9582

■ 48.3859, 49.4997,
25.5799

■ 54.9586, 57.3759,
44.0152

■ 45.6776, 45.9952,
18.7828

■ 58.8598, 61.7663,
55.8345

■ 43.3275, 42.7659,
13.4643


■ 63.1933, 66.4698,
69.4979


■ 41.3121, 39.8006,
9.5081


■ 67.9746, 71.4945,
85.0813


■ 39.6049, 37.0863,
6.7805

■ 73.2183, 76.8482,
102.6561

 38.1737, 34.6079,
5.1200

 75.9028, 81.3240,
106.3043

 37.3020, 33.0024,
4.4041

 78.1213, 85.7611,
107.0439

 80.4333, 90.3849,
107.8145

 81.8343, 93.1871,
108.2815

Harmonies

Analogous

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



56.5419, 53.2876, 37.5680



51.4718, 53.2876, 33.9582



46.5066, 53.2876, 35.8394

Triad

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



51.4718, 53.2876, 33.9582



42.1560, 53.2876, 71.0965



59.2961, 53.2876, 75.8515

Complementary

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



51.4718, 53.2876, 33.9582



37.9549, 39.2102, 69.8579

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.



55.0288, 53.2876, 87.8649



51.4718, 53.2876, 33.9582



45.1791, 53.2876, 84.8075

Square

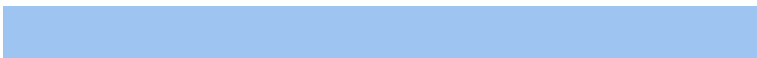
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.4718, 53.2876, 33.9582



41.3455, 53.2876, 55.7067



49.8336, 53.2876, 91.3932



61.2513, 53.2876, 60.3988

Rectangle

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



51.4718, 53.2876, 33.9582



43.8867, 53.2876, 40.1582



49.8336, 53.2876, 91.3932



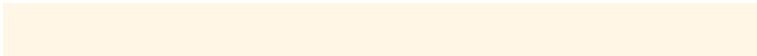
58.0709, 53.2876, 80.5231

Sweetspot

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



51.4732, 53.2901, 33.9593



88.4155, 92.8706, 87.7611



45.2568, 37.2977, 42.8611



18.7363, 19.6718, 18.1972



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.



51.4732, 53.2901, 33.9593



72.3452, 74.2708, 40.6597



54.6589, 63.6697, 35.7949



13.0879, 13.7499, 13.1249



22.4141, 19.9454, 2.6685



1.4284, 1.3559, 0.1864

Inverse Universe

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



37.9549, 39.2102, 69.8579



49.3648, 50.3481, 101.7241



35.4647, 31.6713, 68.5340



12.0967, 12.7168, 15.7545



8.9599, 6.1817, 39.1741



0.6170, 0.5261, 2.3883

Previews

White Background



This preview shows how the XYZ color 51.4718, 53.2876, 33.9582 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 51.4718, 53.2876, 33.9582 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 51.4718, 53.2876, 33.9582

Background



This preview shows how black text looks on a background with the XYZ color 51.4718, 53.2876, 33.9582.



This preview shows how white text looks on a background with the XYZ color 51.4718, 53.2876,

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

51.4718, 53.2876, 33.9582

Protanopia

49.9129, 53.4497, 34.4742

Deuteranopia

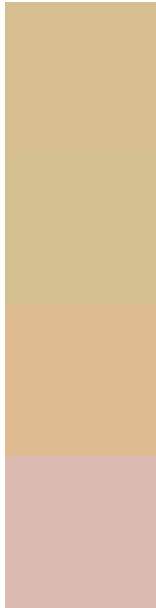
54.4547, 53.2362, 34.1936



Tritanopia

56.8303, 53.2703, 60.1102

Trichromacy



Original Color

51.4718, 53.2876, 33.9582

Protanomaly

50.5388, 53.4452, 34.4403

Deuteranomaly

53.3126, 53.2730, 34.2609

Tritanomaly

54.8082, 53.3922, 49.5365

Monochromacy



Original Color

51.4718, 53.2876, 33.9582

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1881, 52.6361, 48.0720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4718, 53.2876, 33.9582 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(215, 190, 144)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 144)  
}
```

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(215, 190, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 144) }
```

Border

The CSS property to change the border of an element to XYZ 51.4718, 53.2876, 33.9582 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(215, 190, 144) }
```


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

```
.border{ border-color:rgb(215, 190, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 190, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 190, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 190, 144);  
box-shadow:4px 4px 4px 4px rgb(215, 190,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4718, 53.2876, 33.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 144) }
```

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

```
.background{ background-color: rgb(215,  
190, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor