

Converting Colors

XYZ(51.9000, 54.5813, 32.2257)

Have a look what the booklet for
XYZ(51.9000, 54.5813, 32.2257)
contains.

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Color

**XYZ(51.7545, 54.4511,
32.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C18B
RGB	215, 193, 139
RGB Percent	84%, 76%, 55%
CMY	0.1569, 0.2431, 0.4549
CMYK	0.00, 0.10, 0.35, 0.16
HSL	43°, 49%, 69%
HSV	43°, 35%, 84%
XYZ	51.7545, 54.4511, 32.2085
YIQ	193.4220, 30.4460, -12.1300

Conversions

Conversions Part 2

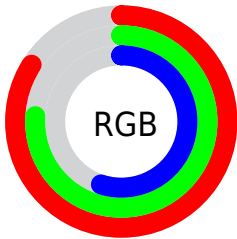
Format	Color
RYB	170, 215, 139
Decimal	14139787
CIELab	78.72, 0.00, 30.06
CIELCh	79, 30.057, 89.998
Yxy	54.4511, 0.3739, 0.3934
Android (android.graphics.Color)	4292329867 (0xFFD7C18B)
YUV	193.4220, -26.8300, 18.9239
Hunter-Lab	73.7910, -3.9404, 25.7746

Details

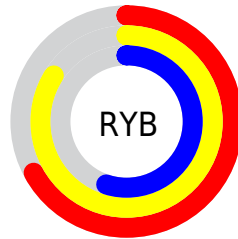
The XYZ color **51.7545, 54.4511, 32.2085** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6578, 35.8839, 69.3369**, and the grayscale version is **51.0787, 53.7388, 58.5215**.

A 20% lighter version of the original color is **84.7413, 92.8616, 63.9098**, and **25.4376, 26.8317, 13.0708** is the 20% darker color. If you saturate the color by 10%, you get **48.9892, 51.1920, 24.2838**, and if you desaturate by 10%, it is **54.8894, 57.9545, 41.7818**.

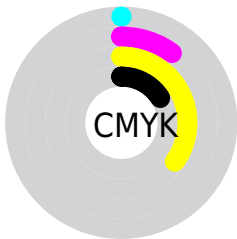
Distribution



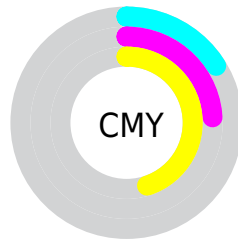
- Red (84%)
- Green (76%)
- Blue (55%)



- Red (67%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7545, 54.4511, 32.2085 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 51.7545, 54.4511, 32.2085 by changing the saturation by 10% instead.

■ 51.7545, 54.4511,
32.2085

■ 51.7545, 54.4511,
32.2085

383.8276,
403.8279, 326.5899

■ 37.0329, 38.9624,
21.2547

■ 91.9455, 96.7363,
64.2395

■ 25.4068, 26.7305,
13.1172

■ 118.1455,
124.3015, 86.1538

■ 16.5107, 17.3709,
7.3776

■ 148.9025,
156.6612, 112.5586

■ 9.9794, 10.4993,
3.6174

184.5816,
194.1995, 143.8725

■ 5.4475, 5.7312,
1.4179

225.5484,
237.3009, 180.5140

■ 2.5495, 2.6824,
0.1556

272.1681,

■ 0.9203, 0.9682,

286.3499, 222.9018

0.0000

324.8060,
341.7307, 271.4542

■ 0.0000, 0.0000,
0.0000

■ 51.7545, 54.4511,
32.2085

■ 51.7545, 54.4511,
32.2085

■ 48.9892, 51.1920,
24.2838

■ 54.8894, 57.9545,
41.7818

■ 46.5705, 48.1611,
17.9083

■ 58.4072, 61.7029,
53.0885

■ 44.4789, 45.3515,
12.9770


■ 62.3254, 65.7062,
66.2117


■ 42.6911, 42.7524,
9.3704


■ 66.6593, 69.9716,
81.2281

■ 41.1800, 40.3521,
6.9496


■ 71.4231, 74.5059,
98.2100


 39.9126, 38.1360,
5.5446

 74.4656, 78.4497,
105.8253

 39.3792, 37.1567,
5.0965

 76.2317, 81.9818,
106.4140

 78.0602, 85.6389,
107.0235

 79.9519, 89.4221,
107.6540

Harmonies

Analogous

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



57.6824, 54.4511, 35.2179



51.7545, 54.4511, 32.2085



46.2473, 54.4511, 35.2171

Triad

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



51.7545, 54.4511, 32.2085



42.4731, 54.4511, 77.2064



62.2970, 54.4511, 77.2086

Complementary

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



51.7545, 54.4511, 32.2085



35.6578, 35.8839, 69.3369

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.



57.6817, 54.4511, 92.3959



51.7545, 54.4511, 32.2085



46.2467, 54.4511, 92.3945

Square

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



51.7545, 54.4511, 32.2085



41.1450, 54.4511, 59.2870



51.7538, 54.4511, 98.4165



64.0461, 54.4511, 59.2890

Rectangle

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



51.7545, 54.4511, 32.2085



43.4830, 54.4511, 40.6371



51.7538, 54.4511, 98.4165



61.0127, 54.4511, 82.9176

Sweetspot

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



51.7559, 54.4536, 32.2096



88.3230, 93.2527, 85.9813



43.7612, 35.5145, 38.6384



18.7383, 19.7889, 17.8493



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.



51.7559, 54.4536, 32.2096



73.2342, 76.7086, 38.9219



52.7269, 62.7169, 33.7534



13.1551, 13.8845, 13.1473



23.6486, 22.4144, 3.0800



1.4959, 1.4910, 0.2089

Inverse Universe

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



35.6578, 35.8839, 69.3369



46.3438, 45.7049, 100.9871



34.8635, 30.2619, 68.2936



12.0325, 12.5884, 15.7331



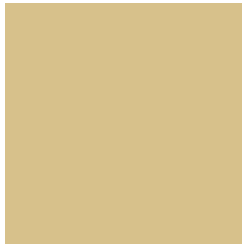
8.4534, 5.1686, 39.0053



0.5807, 0.4534, 2.3762

Previews

White Background



This preview shows how the XYZ color 51.7545, 54.4511, 32.2085 looks on a white background.

Color Contrast Check

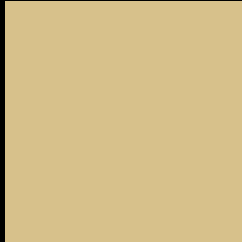
Large Text (above 18pt) WCAG AA × Fail

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 51.7545, 54.4511, 32.2085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

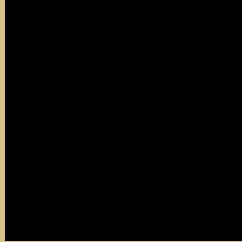
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7545, 54.4511, 32.2085

Background



This preview shows how black text looks on a background with the XYZ color 51.7545, 54.4511, 32.2085.



This preview shows how white text looks on a background with the XYZ color 51.7545, 54.4511,

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

51.7545, 54.4511, 32.2085

Protanopia

50.8271, 54.6253, 32.6758

Deuteranopia

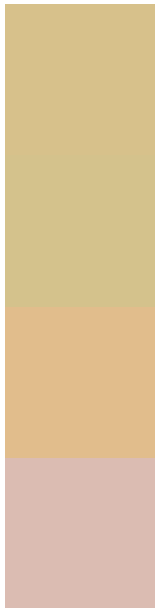
55.4589, 54.4230, 32.3926



Tritanopia

57.8985, 54.3976, 62.0918

Trichromacy



Original Color

51.7545, 54.4511, 32.2085

Protanomaly

51.1768, 54.4741, 32.6282

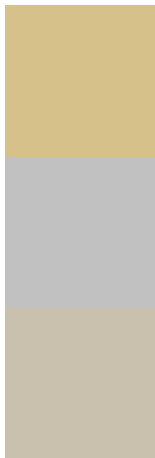
Deuteranomaly

53.9826, 54.2962, 32.4460

Tritanomaly

55.2325, 54.2409, 49.6779

Monochromacy



Original Color

51.7545, 54.4511, 32.2085

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7002, 53.5746, 47.2039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7545, 54.4511, 32.2085 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, 193, 139)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 139)  
}
```

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, 193, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 139) }
```

Border

The CSS property to change the border of an element to XYZ 51.7545, 54.4511, 32.2085 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, 193, 139) }
```


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

```
.border{ border-color:rgb(215, 193, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 139);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7545, 54.4511, 32.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 139) }
```

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

```
.background{ background-color: rgb(215,  
193, 139) }
```

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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