

Converting Colors

XYZ(54.5539, 56.8787, 33.6641)

Have a look what the booklet for
XYZ(54.5539, 56.8787, 33.6641)
contains.

XYZ(54.4412, 56.8050, 33.6863)	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(54.4412, 56.8050,
33.6863)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC48E
RGB	221, 196, 142
RGB Percent	87%, 77%, 56%
CMY	0.1333, 0.2314, 0.4431
CMYK	0.00, 0.11, 0.36, 0.13
HSL	41°, 54%, 71%
HSV	41°, 36%, 87%
XYZ	54.4412, 56.8050, 33.6863
YIQ	197.3190, 32.2340, -11.4940

Conversions

Conversions Part 2

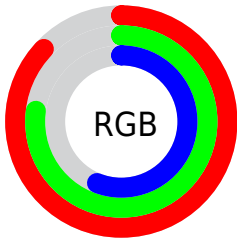
Format	Color
R_{YB}	179, 221, 142
Decimal	14533774
CIE _{Lab}	80.07, 1.15, 30.37
CIE _{LCh}	80, 30.391, 87.838
Yxy	56.8050, 0.3756, 0.3919
Android (android.graphics.Color)	4292723854 (0xFFDDC48E)
YUV	197.3190, -27.2723, 20.7682
Hunter-Lab	75.3691, -2.9604, 26.2586

Details

The XYZ color **54.4412, 56.8050, 33.6863** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.0248, 38.6075, 73.8545**, and the grayscale version is **53.4110, 56.1926, 61.1937**.

A 20% lighter version of the original color is **86.3291, 95.4961, 66.1071**, and **27.0784, 28.1007, 13.8943** is the 20% darker color. If you saturate the color by 10%, you get **51.4035, 53.1268, 25.2833**, and if you desaturate by 10%, it is **57.8843, 60.7671, 43.8486**.

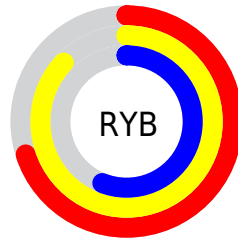
Distribution



Red (87%)

Green (77%)

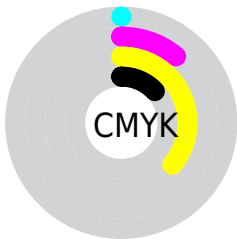
Blue (56%)



Red (70%)

Yellow (87%)

Blue (56%)

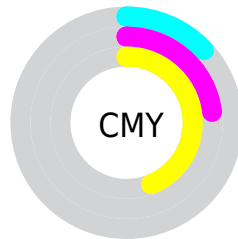


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4412, 56.8050, 33.6863 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 54.4412, 56.8050, 33.6863 by changing the saturation by 10% instead.

■ 54.4412, 56.8050,
33.6863

■ 54.4412, 56.8050,
33.6863

393.9612,
412.7182, 333.4574

■ 39.1866, 40.8487,
22.3773

■ 95.8748, 100.1806,
66.5739

■ 27.0863, 28.2009,
13.9334

■ 122.7846,
128.3687, 88.9895

■ 17.7750, 18.4771,
7.9362

154.3101,
161.4028, 115.9444

■ 10.8872, 11.2931,
3.9669

190.8167,
199.6674, 147.8572

■ 6.0578, 6.2643,
1.6072

232.6697,
243.5469, 185.1463

■ 2.9213, 3.0065,
0.2960

280.2346,

■ 1.1123, 1.1351,

293.4256, 228.2304

0.0000

333.8766,
349.6879, 277.5279

■ 0.0353, 0.0077,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4412, 56.8050,
33.6863

■ 54.4412, 56.8050,
33.6863

■ 51.4035, 53.1268,
25.2833

■ 57.8843, 60.7671,
43.8486

■ 48.7463, 49.7148,
18.5330

■ 61.7474, 65.0143,
55.8616

■ 46.4486, 46.5610,
13.3223

■ 66.0495, 69.5578,
69.8143

■ 44.4847, 43.6536,
9.5226

■ 70.8071, 74.4056,
85.7890

■ 42.8254, 40.9790,
6.9839

■ 76.0358, 79.5656,
103.8632

■ 41.4345, 38.5212,
5.5215

■ 78.4315, 83.7175,
106.6330

■ 40.8979, 37.5303,
5.0885

■ 80.5065, 87.8676,
107.3247

■ 82.6615, 92.1776,
108.0431

■ 83.6288, 94.1122,
108.3655

Harmonies

Analogous

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



60.5699, 56.8050, 37.2748



54.4412, 56.8050, 33.6863



48.6283, 56.8050, 36.3658

Triad

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



54.4412, 56.8050, 33.6863



44.1469, 56.8050, 79.1503



64.6931, 56.8050, 81.8017

Complementary

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



54.4412, 56.8050, 33.6863



38.0248, 38.6075, 73.8545

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.



59.7351, 56.8050, 97.1053



54.4412, 56.8050, 33.6863



47.9074, 56.8050, 95.3804

Square

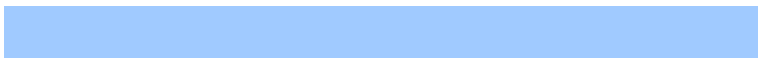
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4412, 56.8050, 33.6863



42.9621, 56.8050, 60.5754



53.5442, 56.8050, 102.4913



66.7632, 56.8050, 63.1444

Rectangle

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



54.4412, 56.8050, 33.6863



45.6504, 56.8050, 41.6975



53.5442, 56.8050, 102.4913



63.2913, 56.8050, 87.6334

Sweetspot

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



54.4426, 56.8076, 33.6875



88.0921, 92.7910, 85.9044



46.4688, 37.5094, 41.3588



18.6832, 19.6785, 17.8309



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.



54.4426, 56.8076, 33.6875



72.0519, 74.6632, 37.5437



56.3365, 66.8619, 35.5283



13.7967, 14.5328, 13.8035



23.8641, 22.0138, 2.9913



1.6221, 1.5783, 0.2192

Inverse Universe

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



38.0248, 38.6075, 73.8545



46.1186, 45.9312, 101.0426



36.5288, 31.6834, 72.5969



12.6732, 13.2862, 16.5487



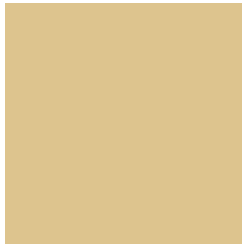
8.9413, 5.7520, 40.3774



0.6553, 0.5248, 2.6412

Previews

White Background



This preview shows how the XYZ color 54.4412, 56.8050, 33.6863 looks on a white background.

Color Contrast Check

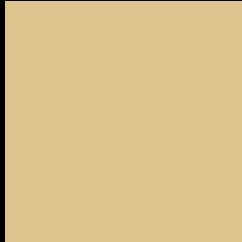
Large Text (above 18pt) WCAG AA × Fail

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 54.4412, 56.8050, 33.6863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

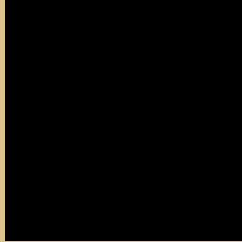
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4412, 56.8050, 33.6863

Background



This preview shows how black text looks on a background with the XYZ color 54.4412, 56.8050, 33.6863.

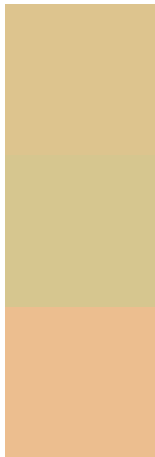


This preview shows how white text looks on a background with the XYZ color 54.4412, 56.8050,

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

54.4412, 56.8050, 33.6863

Protanopia

52.8836, 56.6675, 34.1373

Deuteranopia

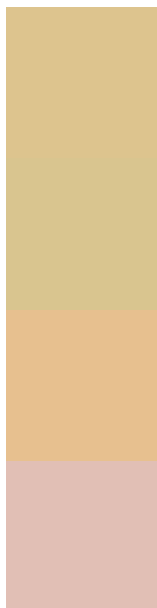
57.9635, 56.6429, 33.8648



Tritanopia

60.7576, 56.7722, 64.2558

Trichromacy



Original Color

54.4412, 56.8050, 33.6863

Protanomaly

53.5394, 56.6674, 34.1027

Deuteranomaly

56.7626, 56.6714, 33.9336

Tritanomaly

58.0226, 56.6054, 51.5839

Monochromacy



Original Color

54.4412, 56.8050, 33.6863

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3557, 56.2286, 49.6360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4412, 56.8050, 33.6863 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(221, 196, 142)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 142)  
}
```

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(221, 196, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 142) }
```

Border

The CSS property to change the border of an element to XYZ 54.4412, 56.8050, 33.6863 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(221, 196, 142) }
```


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

```
.border{ border-color:rgb(221, 196, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 196, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 196, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 196, 142); box-shadow:4px 4px 4px 4px rgb(221, 196, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4412, 56.8050, 33.6863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 142) }
```

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

```
.background{ background-color: rgb(221,  
196, 142) }
```

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