

Converting Colors

XYZ(54.3525, 57.4888, 46.7598)

Have a look what the booklet for
XYZ(54.3525, 57.4888, 46.7598)
contains.

XYZ(54.3525, 57.4888, 46.7598)	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(54.3525, 57.4888,
46.7598)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C7AB
RGB	210, 199, 171
RGB Percent	82%, 78%, 67%
CMY	0.1765, 0.2196, 0.3294
CMYK	0.00, 0.05, 0.19, 0.18
HSL	43°, 30%, 75%
HSV	43°, 19%, 82%
XYZ	54.3525, 57.4888, 46.7598
YIQ	199.0970, 15.5440, -6.3760

Conversions

Conversions Part 2

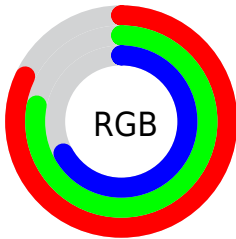
Format	Color
RYB	186, 210, 171
Decimal	13813675
CIELab	80.45, -0.73, 15.41
CIELCh	80, 15.425, 92.727
Yxy	57.4888, 0.3427, 0.3625
Android (android.graphics.Color)	4292003755 (0xFFD2C7AB)
YUV	199.0970, -13.8518, 9.5619
Hunter-Lab	75.8214, -4.7298, 16.5102

Details

The XYZ color **54.3525, 57.4888, 46.7598** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1552, 46.7659, 67.6201**, and the grayscale version is **54.4222, 57.2564, 62.3522**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **26.9727, 28.5513, 21.5421** is the 20% darker color. If you saturate the color by 10%, you get **51.1723, 54.0811, 36.5964**, and if you desaturate by 10%, it is **57.9068, 61.1349, 58.6183**.

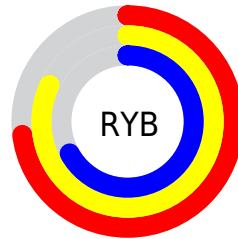
Distribution



Red (82%)

Green (78%)

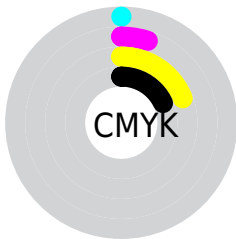
Blue (67%)



Red (73%)

Yellow (82%)

Blue (67%)

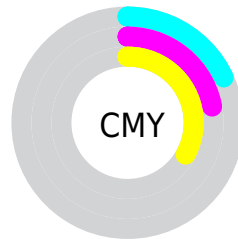


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3525, 57.4888, 46.7598 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 54.3525, 57.4888, 46.7598 by changing the saturation by 10% instead.

■ 54.3525, 57.4888,
46.7598

■ 54.3525, 57.4888,
46.7598

393.6292,
415.2784, 390.2209

■ 39.1153, 41.3978,
32.4928

■ 95.7455, 101.1781,
86.7012

■ 27.0306, 28.6301,
21.4703

122.6320,
129.5451, 113.2127

■ 17.7329, 18.8011,
13.2736

154.1324,
162.7730, 144.6428

■ 10.8569, 11.5267,
7.4843

190.6120,
201.2461, 181.4100

■ 6.0373, 6.4223,
3.6838

232.4361,
245.3488, 223.9329

■ 2.9086, 3.1035,
1.4535

279.9701,

■ 1.1056, 1.1860,

295.4654, 272.6299

0.1829

333.5793,
351.9805, 327.9198

■ 0.0298, 0.0502,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3525, 57.4888,
46.7598

■ 54.3525, 57.4888,
46.7598

■ 51.1723, 54.0811,
36.5964

■ 57.9068, 61.1349,
58.6183

■ 48.3462, 50.8969,
28.0453

■ 61.8452, 65.0184,
72.2421

■ 45.8587, 47.9311,
21.0223

■ 66.1831, 69.1484,
87.7020

■ 43.6917, 45.1754,
15.4340

■ 70.9331, 73.5307,
105.0620

■ 41.8247, 42.6206,
11.1766

■ 72.5398, 76.7443,
105.5976

■ 40.2349, 40.2566,
8.1324

■ 74.2025, 80.0696,
106.1518

■ 38.8954, 38.0715,
6.1627

■ 75.9215, 83.5076,
106.7248

■ 37.7647, 36.0478,
5.0537

■ 77.6974, 87.0595,
107.3168

■ 37.6119, 35.7684,
4.9216

■ 79.5308, 90.7263,
107.9279

Harmonies

Analogous

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



57.4758, 57.4888, 48.3554



54.3525, 57.4888, 46.7598



51.4189, 57.4888, 49.0566

Triad

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



54.3525, 57.4888, 46.7598



49.6832, 57.4888, 72.4923



60.2272, 57.4888, 70.9207

Complementary

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



54.3525, 57.4888, 46.7598



45.1552, 46.7659, 67.6201

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.



57.9958, 57.4888, 78.4211



54.3525, 57.4888, 46.7598



51.9017, 57.4888, 79.3882

Square

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



54.3525, 57.4888, 46.7598



48.7889, 57.4888, 63.4280



54.9313, 57.4888, 81.6550



60.9441, 57.4888, 61.7704

Rectangle

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



54.3525, 57.4888, 46.7598



49.9433, 57.4888, 52.6287



54.9313, 57.4888, 81.6550



59.6253, 57.4888, 73.7473

Sweetspot

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



54.3540, 57.4914, 46.7610



91.3229, 96.3320, 95.9853



49.5906, 46.2077, 50.5890



19.4629, 20.5353, 20.2571



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.



54.3540, 57.4914, 46.7610



82.4573, 87.2192, 66.4610



54.6334, 61.5279, 47.5254



12.5100, 13.2107, 12.5026



23.0315, 21.9960, 3.0318



1.3532, 1.3607, 0.1913

Inverse Universe

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



45.1552, 46.7659, 67.6201



65.8051, 67.8052, 104.2272



44.8911, 43.4172, 66.9876



11.4312, 11.9527, 14.9483



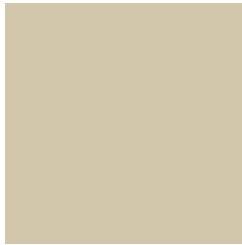
8.1305, 4.9076, 37.7112



0.5223, 0.4098, 2.1311

Previews

White Background



This preview shows how the XYZ color 54.3525, 57.4888, 46.7598 looks on a white background.

Color Contrast Check

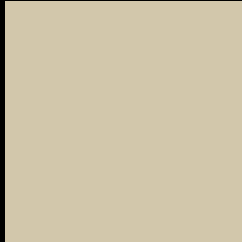
Large Text (above 18pt) WCAG AA × Fail

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 54.3525, 57.4888, 46.7598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

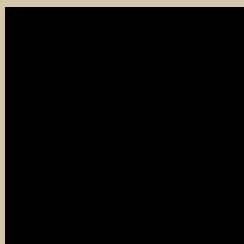
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

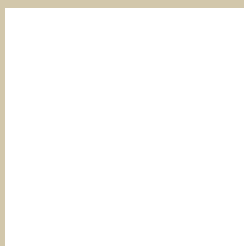
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3525, 57.4888, 46.7598

Background



This preview shows how black text looks on a background with the XYZ color 54.3525, 57.4888, 46.7598.

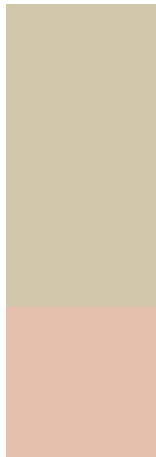


This preview shows how white text looks on a background with the XYZ color 54.3525, 57.4888,

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

54.3525, 57.4888, 46.7598

Protanopia

54.3525, 57.4888, 46.7598

Deuteranopia

58.6091, 57.3358, 47.0076



Tritanopia

58.8247, 57.6341, 68.3457

Trichromacy



Original Color

54.3525, 57.4888, 46.7598

Protanomaly

54.3525, 57.4888, 46.7598

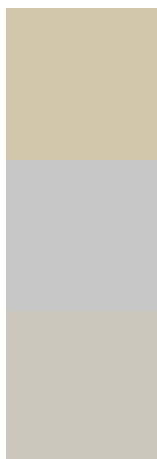
Deuteranomaly

57.0857, 57.5384, 47.1270

Tritanomaly

57.0308, 57.5661, 59.7353

Monochromacy



Original Color

54.3525, 57.4888, 46.7598

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2373, 57.2175, 56.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3525, 57.4888, 46.7598 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(210, 199, 171)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 171)  
}
```

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(210, 199, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 171) }
```

Border

The CSS property to change the border of an element to XYZ 54.3525, 57.4888, 46.7598 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(210, 199, 171) }
```


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

```
.border{ border-color:rgb(210, 199, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 171);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3525, 57.4888, 46.7598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 171) }
```

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

```
.background{ background-color: rgb(210,  
199, 171) }
```

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