

Converting Colors

XYZ(54.4418, 58.1528, 32.3723)

Have a look what the booklet for
XYZ(54.4418, 58.1528, 32.3723)
contains.

XYZ(54.4551, 58.2036, 32.4091)	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(54.4551, 58.2036,
32.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC88A
RGB	219, 200, 138
RGB Percent	86%, 78%, 54%
CMY	0.1412, 0.2157, 0.4588
CMYK	0.00, 0.09, 0.37, 0.14
HSL	46°, 53%, 70%
HSV	46°, 37%, 86%
XYZ	54.4551, 58.2036, 32.4091
YIQ	198.6130, 31.2260, -15.2540

Conversions

Conversions Part 2

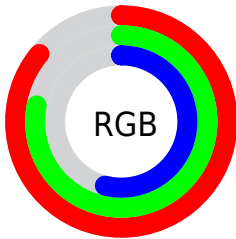
Format	Color
RYB	163, 219, 138
Decimal	14403722
CIELab	80.85, -2.19, 33.45
CIELCh	81, 33.521, 93.744
Yxy	58.2036, 0.3754, 0.4012
Android (android.graphics.Color)	4292593802 (0xFFDBC88A)
YUV	198.6130, -29.8822, 17.8794
Hunter-Lab	76.2913, -6.1002, 28.2171

Details

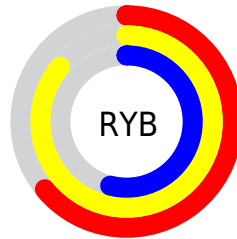
The XYZ color **54.4551, 58.2036, 32.4091** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3241, 34.6306, 71.8403**, and the grayscale version is **54.2142, 57.0376, 62.1139**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **27.1034, 29.0324, 13.1921** is the 20% darker color. If you saturate the color by 10%, you get **51.8577, 55.2954, 24.4940**, and if you desaturate by 10%, it is **57.4151, 61.3250, 42.0236**.

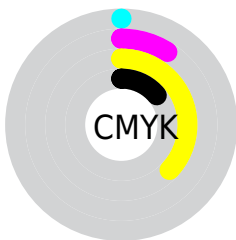
Distribution



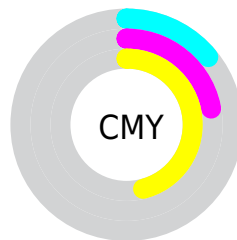
- Red (86%)
- Green (78%)
- Blue (54%)



- Red (64%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4551, 58.2036, 32.4091 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 54.4551, 58.2036, 32.4091 by changing the saturation by 10% instead.

■ 54.4551, 58.2036,
32.4091

■ 54.4551, 58.2036,
32.4091

394.0132,
417.9442, 327.5286

■ 39.1977, 41.9724,
21.4068

■ 95.8951, 102.2193,
64.5572

■ 27.0950, 29.0796,
13.2275

■ 122.8085,
130.7725, 86.5401

■ 17.7815, 19.1411,
7.4528

■ 154.3379,
164.2019, 113.0202

■ 10.8920, 11.7723,
3.6642

190.8487,
202.8917, 144.4161

■ 6.0610, 6.5888,
1.4430

232.7063,
247.2265, 181.1464

■ 2.9232, 3.2063,
0.1749

280.2760,

■ 1.1133, 1.2404,

297.5906, 223.6295

0.0000

333.9232,
354.3683, 272.2841

■ 0.0362, 0.0943,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4551, 58.2036,
32.4091

■ 54.4551, 58.2036,
32.4091

■ 51.8577, 55.2954,
24.4940

■ 57.4151, 61.3250,
42.0236

■ 49.5988, 52.5838,
18.1728

■ 60.7514, 64.6593,
53.4273

■ 47.6581, 50.0622,
13.3338

■ 64.4823, 68.2166,
66.7081

■ 46.0109, 47.7201,
9.8492

■ 68.6235, 72.0038,
81.9468

■ 44.6285, 45.5452,
7.5693

■ 73.1899, 76.0273,
99.2196

■ 43.4733, 43.5220,
6.2989

■ 75.7887, 79.3307,
105.9256

■ 43.1504, 42.9340,
6.0128

■ 77.2458, 82.2449,
106.4113

■ 78.7454, 85.2441,
106.9112

■ 80.2879, 88.3291,
107.4253

Harmonies

Analogous

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



61.4280, 58.2036, 34.9382



54.4551, 58.2036, 32.4091



48.2435, 58.2036, 36.6408

Triad

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



54.4551, 58.2036, 32.4091



44.9630, 58.2036, 87.0262



68.1535, 58.2036, 81.8013

Complementary

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



54.4551, 58.2036, 32.4091



35.3241, 34.6306, 71.8403

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.



63.0585, 58.2036, 100.7017



54.4551, 58.2036, 32.4091



49.6324, 58.2036, 104.1337

Square

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



54.4551, 58.2036, 32.4091



43.0599, 58.2036, 65.8989



56.1956, 58.2036, 109.5962



69.7126, 58.2036, 60.9141

Rectangle

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



54.4551, 58.2036, 32.4091



45.2554, 58.2036, 43.3765



56.1956, 58.2036, 109.5962



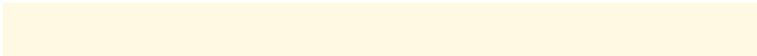
66.7778, 58.2036, 88.7303

Sweetspot

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



54.4566, 58.2063, 32.4103



88.7956, 94.1980, 86.1389



44.4954, 35.7149, 37.0099



18.8514, 20.0151, 17.8870



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.



54.4566, 58.2063, 32.4103



74.1161, 79.1037, 37.2694



53.4061, 64.6060, 33.7009



13.8899, 14.7192, 13.8346



25.6738, 25.6332, 3.5945



1.7273, 1.7886, 0.2542

Inverse Universe

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



35.3241, 34.6306, 71.8403



43.5517, 41.4591, 100.3147



36.0250, 30.5866, 71.0228



12.5853, 13.1103, 16.5194



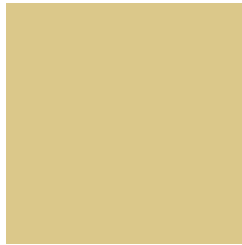
8.3629, 4.5953, 40.1846



0.6081, 0.4304, 2.6255

Previews

White Background



This preview shows how the XYZ color 54.4551, 58.2036, 32.4091 looks on a white background.

Color Contrast Check

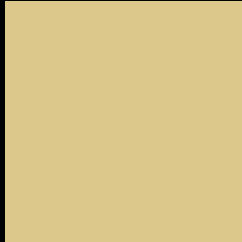
Large Text (above 18pt) WCAG AA × Fail

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 54.4551, 58.2036, 32.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

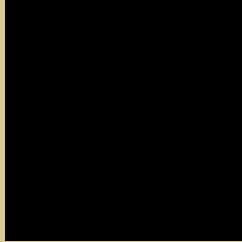
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4551, 58.2036, 32.4091

Background



This preview shows how black text looks on a background with the XYZ color 54.4551, 58.2036, 32.4091.



This preview shows how white text looks on a background with the XYZ color 54.4551, 58.2036,

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

54.4551, 58.2036, 32.4091

Protanopia

54.0894, 58.3600, 32.4585

Deuteranopia

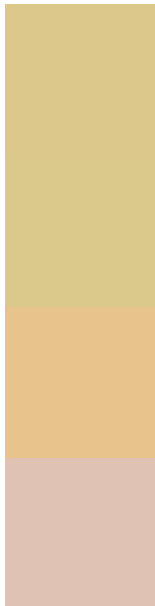
59.1799, 57.9434, 32.8760



Tritanopia

61.4499, 58.0487, 66.3583

Trichromacy



Original Color

54.4551, 58.2036, 32.4091

Protanomaly

54.3875, 58.5137, 32.4725

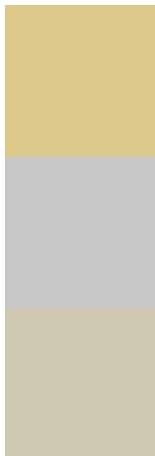
Deuteranomaly

57.4540, 58.0501, 32.6027

Tritanomaly

58.3727, 57.7671, 51.7896

Monochromacy



Original Color

54.4551, 58.2036, 32.4091

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8128, 57.1430, 49.7884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4551, 58.2036, 32.4091 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(219, 200, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 138)  
}
```

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(219, 200, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 138) }
```

Border

The CSS property to change the border of an element to XYZ 54.4551, 58.2036, 32.4091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

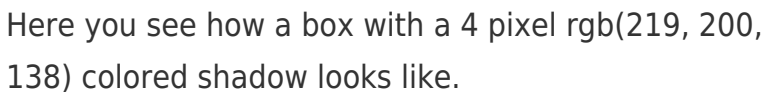
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 200, 138) }
```


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

```
.border{ border-color:rgb(219, 200, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 200, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 200, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 200, 138); box-shadow:4px 4px 4px 4px rgb(219, 200, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4551, 58.2036, 32.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 138) }
```

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

```
.background{ background-color: rgb(219,  
200, 138) }
```

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