

Converting Colors

XYZ(52.8501, 54.0858, 44.6999)

Have a look what the booklet for
XYZ(52.8501, 54.0858, 44.6999)
contains.

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Color

**XYZ(52.8501, 54.0858,
44.6999)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BFA8
RGB	212, 191, 168
RGB Percent	83%, 75%, 66%
CMY	0.1686, 0.2510, 0.3412
CMYK	0.00, 0.10, 0.21, 0.17
HSL	31°, 34%, 75%
HSV	31°, 21%, 83%
XYZ	52.8501, 54.0858, 44.6999
YIQ	194.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

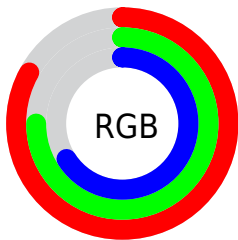
Format	Color
R _Y B	208, 212, 168
Decimal	13942696
CIE Lab	78.51, 3.78, 14.31
CIE LCh	79, 14.798, 75.212
Yxy	54.0858, 0.3485, 0.3567
Android (android.graphics.Color)	4292132776 (0xFFD4BFA8)
YUV	194.6570, -13.1419, 15.2098
Hunter-Lab	73.5430, -0.4252, 15.4433

Details

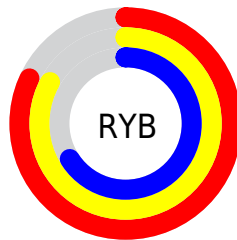
The XYZ color **52.8501, 54.0858, 44.6999** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2295, 49.4724, 69.4004**, and the grayscale version is **51.7363, 54.4306, 59.2749**.

A 20% lighter version of the original color is **87.8200, 93.1092, 83.1553**, and **26.1455, 26.6060, 20.2805** is the 20% darker color. If you saturate the color by 10%, you get **48.9038, 49.1001, 34.4219**, and if you desaturate by 10%, it is **57.2738, 59.5100, 56.7269**.

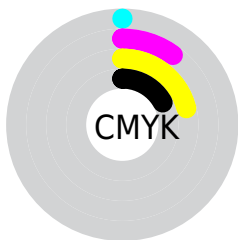
Distribution



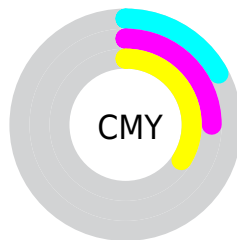
- Red (83%)
- Green (75%)
- Blue (66%)



- Red (82%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8501, 54.0858, 44.6999 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 52.8501, 54.0858, 44.6999 by changing the saturation by 10% instead.


 52.8501, 54.0858,
44.6999

 52.8501, 54.0858,
44.6999


387.9800,
402.4371, 381.6814

 37.9101, 38.6703,
30.8799


 93.5506, 96.2002,
83.5836

 26.0898, 26.5033,
20.2497


120.0418,
123.6679, 109.4843

 17.0239, 17.2005,
12.3908


151.1141,
155.9217, 140.2490

 10.3469, 10.3776,
6.8847

187.1329,
193.3461, 176.2963

 5.6936, 5.6500,
3.3127

228.4636,
236.3254, 218.0446

 2.6986, 2.6335,
1.2564

275.4714,

 0.9964, 0.9435,

285.2441, 265.9125

0.0257

328.5218,
340.4865, 320.3186

■ 0.0000, 0.0000,
0.0000

■ 52.8501, 54.0858,
44.6999

■ 52.8501, 54.0858,
44.6999

■ 48.9038, 49.1001,
34.4219

■ 57.2738, 59.5100,
56.7269

■ 45.4118, 44.5333,
25.8064

■ 62.1879, 65.3771,
70.5769

■ 42.3556, 40.3746,
18.7645

■ 67.6105, 71.7007,
86.3238

■ 39.7135, 36.6103,
13.1978

■ 73.5573, 78.4918,
104.0366

■ 37.4613, 33.2253,
8.9963

■ 76.8307, 84.4755,
106.8637

■ 35.5720, 30.2031,
6.0346

■ 79.9187, 90.6513,
107.8930

■ 34.0139, 27.5253,
4.1635

■ 80.9616, 92.7372,
108.2407

■ 32.8184, 25.3308,
3.1596

Harmonies

Analogous

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



55.4554, 54.0858, 48.2216



52.8501, 54.0858, 44.6999



49.9509, 54.0858, 44.7255

Triad

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



52.8501, 54.0858, 44.6999



46.1884, 54.0858, 63.2012



55.4862, 54.0858, 70.9315

Complementary

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



52.8501, 54.0858, 44.6999



46.2295, 49.4724, 69.4004

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.



52.8909, 54.0858, 75.7683



52.8501, 54.0858, 44.6999



47.5605, 54.0858, 71.0266

Square

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



52.8501, 54.0858, 44.6999



46.1784, 54.0858, 54.8894



49.9903, 54.0858, 75.8047



57.0159, 54.0858, 63.0809

Rectangle

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



52.8501, 54.0858, 44.6999



48.2439, 54.0858, 46.7305



49.9903, 54.0858, 75.8047



54.7053, 54.0858, 72.9951

Sweetspot

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



52.8515, 54.0882, 44.7010



90.3986, 94.4834, 95.6772



50.3689, 45.6887, 54.4607



19.2443, 20.0981, 20.1843



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.



52.8515, 54.0882, 44.7010



77.4833, 78.6561, 60.5329



57.5523, 63.8029, 46.3284



12.9551, 13.4844, 13.0806



20.3613, 15.8399, 1.9842



1.3108, 1.1207, 0.1472

Inverse Universe

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



46.2295, 49.4724, 69.4004



65.6326, 70.3963, 104.7364



42.1920, 41.1651, 68.0097



12.2266, 12.9765, 15.7978



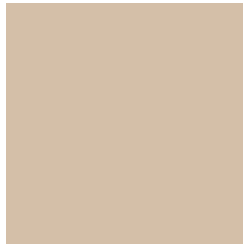
10.3181, 8.8979, 39.6268



0.7049, 0.7019, 2.4176

Previews

White Background



This preview shows how the XYZ color 52.8501, 54.0858, 44.6999 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 52.8501, 54.0858, 44.6999 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 52.8501, 54.0858, 44.6999

Background



This preview shows how black text looks on a background with the XYZ color 52.8501, 54.0858, 44.6999.



This preview shows how white text looks on a background with the XYZ color 52.8501, 54.0858,

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

52.8501, 54.0858, 44.6999

Protanopia

51.3551, 54.2855, 45.3076

Deuteranopia

55.0560, 53.9348, 45.0448



Tritanopia

56.4204, 53.9338, 62.6949

Trichromacy



Original Color

52.8501, 54.0858, 44.6999

Protanomaly

51.9635, 54.2699, 45.2725

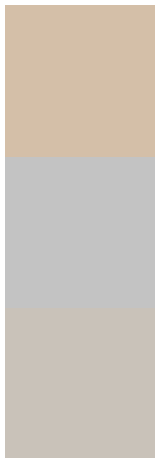
Deuteranomaly

54.0581, 53.7364, 45.0591

Tritanomaly

55.1929, 54.0876, 55.6751

Monochromacy



Original Color

52.8501, 54.0858, 44.6999

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1361, 54.5039, 53.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8501, 54.0858, 44.6999 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(212, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 168)  
}
```

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(212, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 168) }
```

Border

The CSS property to change the border of an element to XYZ 52.8501, 54.0858, 44.6999 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(212, 191, 168) }
```


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

```
.border{ border-color:rgb(212, 191, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8501, 54.0858, 44.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 168) }
```

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

```
.background{ background-color: rgb(212,  
191, 168) }
```

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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