

Converting Colors

XYZ(54.4496, 56.8293, 38.6571)

Have a look what the booklet for
XYZ(54.4496, 56.8293, 38.6571)
contains.

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Color

**XYZ(54.4861, 56.7184,
38.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC49A
RGB	218, 196, 154
RGB Percent	85%, 77%, 60%
CMY	0.1451, 0.2314, 0.3961
CMYK	0.00, 0.10, 0.29, 0.15
HSL	39°, 46%, 73%
HSV	39°, 29%, 85%
XYZ	54.4861, 56.7184, 38.6479
YIQ	197.7900, 26.5940, -8.3980

Conversions

Conversions Part 2

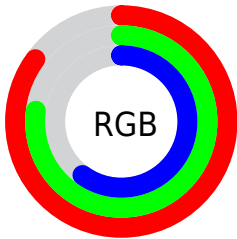
Format	Color
R _{YB}	188, 218, 154
Decimal	14337178
CIE Lab	80.02, 1.47, 23.95
CIE LCh	80, 23.991, 86.484
Yxy	56.7184, 0.3636, 0.3785
Android (android.graphics.Color)	4292527258 (0xFFDAC49A)
YUV	197.7900, -21.5885, 17.7242
Hunter-Lab	75.3116, -2.6550, 22.2921

Details

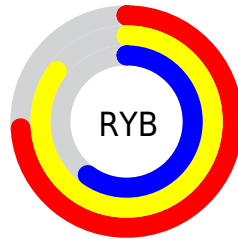
The XYZ color **54.4861, 56.7184, 38.6479** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5063, 42.9814, 72.4384**, and the grayscale version is **53.6658, 56.4606, 61.4856**.

A 20% lighter version of the original color is **87.8739, 96.1140, 74.2420**, and **27.0215, 28.0067, 16.8136** is the 20% darker color. If you saturate the color by 10%, you get **51.1853, 52.7632, 29.3888**, and if you desaturate by 10%, it is **58.2040, 60.9795, 49.6741**.

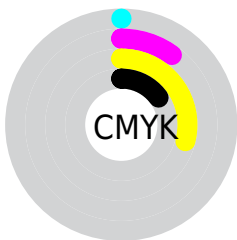
Distribution



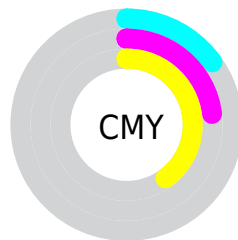
- Red (85%)
- Green (77%)
- Blue (60%)



- Red (74%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4861, 56.7184, 38.6479 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 54.4861, 56.7184, 38.6479 by changing the saturation by 10% instead.


 54.4861, 56.7184,
38.6479


 54.4861, 56.7184,
38.6479


394.1291,
412.3933, 355.7724

 39.2226, 40.7792,
26.1802


 95.9403, 100.0542,
74.3145

 27.1145, 28.1466,
16.7315


 122.8618,
128.2195, 98.3505

 17.7962, 18.4362,
9.8833


154.4000,
161.2291, 127.0797

 10.9026, 11.2636,
5.2171

190.9203,
199.4672, 160.9206

 6.0682, 6.2444,
2.3142

232.7879,
243.3183, 200.2918

 2.9276, 2.9943,
0.7392

280.3684,

 1.1156, 1.1287,

293.1667, 245.6118

0.0000

334.0270,
349.3969, 297.2991

■ 0.0381, 0.0023,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4861, 56.7184,
38.6479

■ 54.4861, 56.7184,
38.6479

■ 51.1853, 52.7632,
29.3888

■ 58.2040, 60.9795,
49.6741

■ 48.2781, 49.0965,
21.7988

■ 62.3524, 65.5478,
62.5513

■ 45.7453, 45.7106,
15.7757

■ 66.9492, 70.4342,
77.3621

■ 43.5637, 42.5943,
11.2045

■ 72.0101, 75.6469,
94.1832

■ 41.7072, 39.7351,
7.9542

■ 76.2345, 80.6675,
106.1601

■ 40.1453, 37.1184,
5.8699

■ 78.4064, 85.0112,
106.8841

■ 38.8281, 34.7223,
4.6959

■ 80.6695, 89.5374,
107.6385

■ 38.7479, 34.5742,
4.6313

■ 82.7235, 93.6454,
108.3231

Harmonies

Analogous

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



59.2530, 56.7184, 41.9678



54.4861, 56.7184, 38.6479



49.8356, 56.7184, 40.7079

Triad

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



54.4861, 56.7184, 38.6479



45.9460, 56.7184, 74.5202



62.1090, 56.7184, 77.7996

Complementary

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



54.4861, 56.7184, 38.6479



41.5063, 42.9814, 72.4384

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.



58.1988, 56.7184, 89.0396



54.4861, 56.7184, 38.6479



48.8966, 56.7184, 86.9547

Square

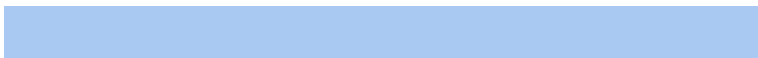
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4861, 56.7184, 38.6479



45.0830, 56.7184, 60.1248



53.3363, 56.7184, 92.6178



63.8181, 56.7184, 63.4179

Rectangle

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



54.4861, 56.7184, 38.6479



47.3925, 56.7184, 45.0532



53.3363, 56.7184, 92.6178



60.9973, 56.7184, 82.1495

Sweetspot

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



54.4876, 56.7210, 38.6491



89.1078, 93.6795, 89.7666



48.3456, 41.1677, 46.6808



18.8778, 19.8401, 18.5979



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.



54.4876, 56.7210, 38.6491



74.8437, 77.4913, 46.9689



57.0295, 65.9440, 40.2953



13.7659, 14.4711, 13.7932



23.3177, 20.9210, 2.8092



1.5897, 1.5134, 0.2083

Inverse Universe

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



41.5063, 42.9814, 72.4384



53.5590, 54.9709, 102.3953



39.4385, 36.0239, 71.2044



12.7027, 13.3452, 16.5585



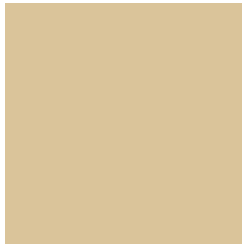
9.1762, 6.2219, 40.4557



0.6731, 0.5604, 2.6471

Previews

White Background



This preview shows how the XYZ color 54.4861, 56.7184, 38.6479 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 54.4861, 56.7184, 38.6479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

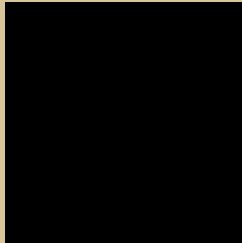
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4861, 56.7184, 38.6479

Background



This preview shows how black text looks on a background with the XYZ color 54.4861, 56.7184, 38.6479.



This preview shows how white text looks on a background with the XYZ color 54.4861, 56.7184,

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

54.4861, 56.7184, 38.6479

Protanopia

53.2619, 56.7518, 39.1573

Deuteranopia

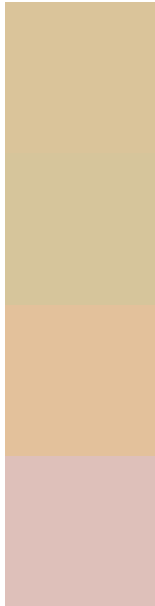
57.8259, 56.7840, 38.9230



Tritanopia

59.8371, 56.6021, 64.8983

Trichromacy



Original Color

54.4861, 56.7184, 38.6479

Protanomaly

53.6142, 56.5952, 39.1085

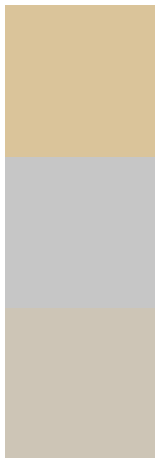
Deuteranomaly

56.6649, 56.8374, 38.9945

Tritanomaly

57.8368, 56.7740, 54.3645

Monochromacy



Original Color

54.4861, 56.7184, 38.6479

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5866, 56.2890, 52.2965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4861, 56.7184, 38.6479 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(218, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(218, 196, 154)  
}
```

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(218, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 196, 154) }
```

Border

The CSS property to change the border of an element to XYZ 54.4861, 56.7184, 38.6479 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(218, 196, 154) }
```


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

```
.border{ border-color:rgb(218, 196, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 196, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 196, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 196, 154);  
box-shadow:4px 4px 4px 4px rgb(218, 196,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4861, 56.7184, 38.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 196, 154) }
```

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

```
.background{ background-color: rgb(218,  
196, 154) }
```

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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