

Converting Colors

XYZ(54.2853, 61.6501, 48.9112)

Have a look what the booklet for
XYZ(54.2853, 61.6501, 48.9112)
contains.

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Color

**XYZ(54.2229, 61.6503,
49.0862)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D3AE
RGB	198, 211, 174
RGB Percent	78%, 83%, 68%
CMY	0.2235, 0.1725, 0.3176
CMYK	0.06, 0.00, 0.18, 0.17
HSL	81°, 30%, 75%
HSV	81°, 18%, 83%
XYZ	54.2229, 61.6503, 49.0862
YIQ	202.8950, 4.1290, -14.2630

Conversions

Conversions Part 2

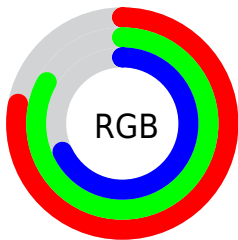
Format	Color
RYB	174, 211, 187
Decimal	13030318
CIELab	82.73, -10.86, 16.86
CIELCh	83, 20.060, 122.787
Yxy	61.6503, 0.3287, 0.3737
Android (android.graphics.Color)	4291220398 (0xFFC6D3AE)
YUV	202.8950, -14.2452, -4.2929
Hunter-Lab	78.5177, -14.1371, 17.8966

Details

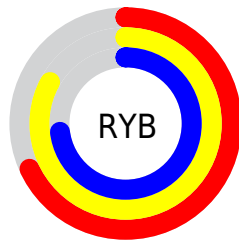
The XYZ color **54.2229, 61.6503, 49.0862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3899, 45.5417, 67.9241**, and the grayscale version is **56.7850, 59.7422, 65.0593**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **26.8413, 31.0867, 22.6748** is the 20% darker color. If you saturate the color by 10%, you get **50.4188, 59.9104, 39.0007**, and if you desaturate by 10%, it is **58.4492, 63.5742, 60.8808**.

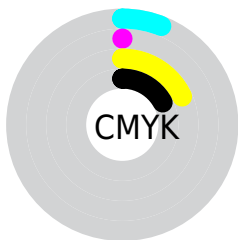
Distribution



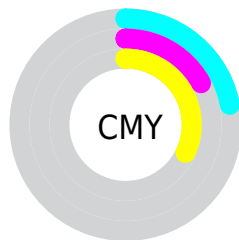
- Red (78%)
- Green (83%)
- Blue (68%)



- Red (68%)
- Yellow (83%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2229, 61.6503, 49.0862 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 54.2229, 61.6503, 49.0862 by changing the saturation by 10% instead.

■ 54.2229, 61.6503,
49.0862

■ 54.2229, 61.6503,
49.0862

393.1439,
430.6544, 399.7138

■ 39.0113, 44.7502,
34.3218

■ 95.5564, 107.2200,
90.2018

■ 26.9493, 31.2607,
22.8615

122.4090,
136.6583, 117.3900

■ 17.6715, 20.7975,
14.2870

153.8727,
171.0448, 149.5566

■ 10.8127, 12.9760,
8.1795

190.3127,
210.7640, 187.1201

■ 6.0074, 7.4120,
4.1206

232.0945,
256.2001, 230.4990

■ 2.8903, 3.7211,
1.6917

279.5834,

■ 1.0960, 1.5188,

307.7376, 280.1119

0.3551

333.1448,
365.7609, 336.3773

■ 0.0218, 0.3019,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2229, 61.6503,
49.0862

■ 54.2229, 61.6503,
49.0862

■ 50.4188, 59.9104,
39.0007

■ 58.4492, 63.5742,
60.8808

■ 47.0155, 58.3396,
30.5410

■ 63.1082, 65.6804,
74.4547

■ 43.9972, 56.9336,
23.6229

■ 68.2161, 67.9775,
89.8788

■ 41.3445, 55.6845,
18.1528

■ 73.2336, 70.2500,
104.3075

■ 39.0366, 54.5836,
14.0273

■ 75.6325, 71.4866,
104.4198

■ 37.0495, 53.6213,
11.1289

■ 78.1334, 72.7759,
104.5368

■ 35.3556, 52.7864,
9.3202

■ 80.7376, 74.1184,
104.6587

■ 33.9174, 52.0636,
8.4109

■ 82.5855, 75.0711,
104.7452

■ 33.5873, 51.8967,
8.2468

Harmonies

Analogous

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



58.1948, 61.6503, 46.1028



54.2229, 61.6503, 49.0862



51.5318, 61.6503, 56.8480

Triad

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



54.2229, 61.6503, 49.0862



54.8883, 61.6503, 90.5219



67.2696, 61.6503, 65.9794

Complementary

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



54.2229, 61.6503, 49.0862



47.3899, 45.5417, 67.9241

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.



66.2796, 61.6503, 78.5752



54.2229, 61.6503, 49.0862



59.0006, 61.6503, 93.7313

Square

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



54.2229, 61.6503, 49.0862



51.9026, 61.6503, 80.8160



63.1997, 61.6503, 89.1207



65.8432, 61.6503, 55.0777

Rectangle

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



54.2229, 61.6503, 49.0862



50.7540, 61.6503, 64.1907



63.1997, 61.6503, 89.1207



67.2085, 61.6503, 70.1509

Sweetspot

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



54.2245, 61.6530, 49.0875



91.4352, 98.3659, 98.3688



52.2659, 52.4264, 47.4098



19.4651, 21.0064, 20.7503



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.



54.2245, 61.6530, 49.0875



81.0076, 93.6220, 69.3376



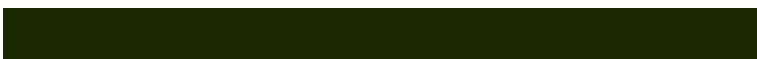
49.6540, 59.2968, 48.8736



12.3834, 13.5811, 12.5808



20.3835, 31.3770, 4.9821



1.2239, 1.7978, 0.2825

Inverse Universe

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



47.3899, 45.5417, 67.9241



68.6386, 64.4612, 103.4323



52.1973, 48.0200, 68.1491



11.5500, 11.6169, 14.8772



8.9083, 3.7727, 37.4512



0.5832, 0.2548, 2.0980

Previews

White Background



This preview shows how the XYZ color 54.2229, 61.6503, 49.0862 looks on a white background.

Color Contrast Check

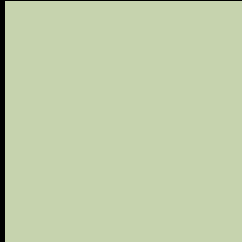
Large Text (above 18pt) WCAG AA × Fail

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 54.2229, 61.6503, 49.0862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

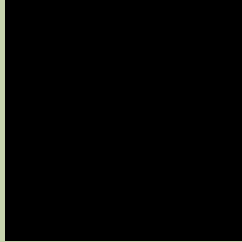
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

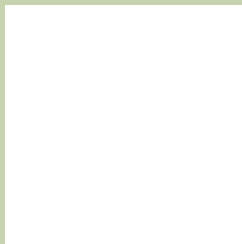
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2229, 61.6503, 49.0862

Background



This preview shows how black text looks on a background with the XYZ color 54.2229, 61.6503, 49.0862.



This preview shows how white text looks on a background with the XYZ color 54.2229, 61.6503,

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

54.2229, 61.6503, 49.0862

Protanopia

57.7973, 61.3546, 47.3245

Deuteranopia

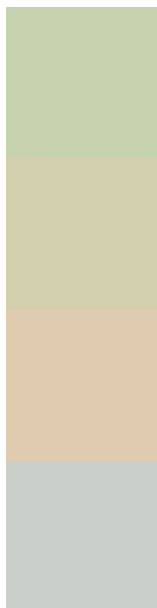
62.7220, 61.3954, 50.1397



Tritanopia

60.0593, 61.8622, 77.1818

Trichromacy



Original Color

54.2229, 61.6503, 49.0862

Protanomaly

56.3376, 61.3058, 47.8936

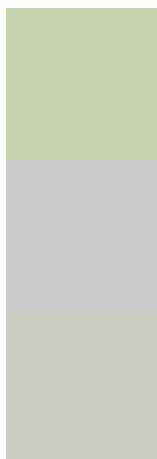
Deuteranomaly

59.3166, 61.3761, 49.7947

Tritanomaly

57.5690, 61.5418, 65.9713

Monochromacy



Original Color

54.2229, 61.6503, 49.0862

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6731, 60.3659, 58.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2229, 61.6503, 49.0862 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(198, 211, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 174)  
}
```

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(198, 211, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 174) }
```

Border

The CSS property to change the border of an element to XYZ 54.2229, 61.6503, 49.0862 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(198, 211, 174) }
```


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

```
.border{ border-color:rgb(198, 211, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2229, 61.6503, 49.0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 174) }
```

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

```
.background{ background-color: rgb(198,  
211, 174) }
```

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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