

Converting Colors

XYZ(51.7026, 61.2276, 34.2072)

Have a look what the booklet for
XYZ(51.7026, 61.2276, 34.2072)
contains.

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Color

**XYZ(51.6399, 61.0158,
34.2548)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D48D
RGB	198, 212, 141
RGB Percent	78%, 83%, 55%
CMY	0.2235, 0.1686, 0.4471
CMYK	0.07, 0.00, 0.33, 0.17
HSL	72°, 45%, 69%
HSV	72°, 33%, 83%
XYZ	51.6399, 61.0158, 34.2548
YIQ	199.7200, 14.4470, -25.0490

Conversions

Conversions Part 2

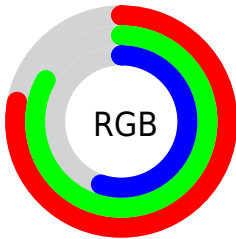
Format	Color
RYB	141, 212, 155
Decimal	13030541
CIELab	82.39, -16.09, 33.61
CIElCh	82, 37.262, 115.583
Yxy	61.0158, 0.3515, 0.4153
Android (android.graphics.Color)	4291220621 (0xFFC6D48D)
YUV	199.7200, -28.9490, -1.5084
Hunter-Lab	78.1126, -18.6915, 28.6783

Details

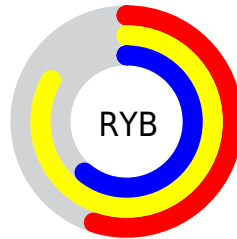
The XYZ color **51.6399, 61.0158, 34.2548** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9284, 30.7734, 66.3897**, and the grayscale version is **54.8949, 57.7538, 62.8938**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **25.2301, 30.6918, 14.2672** is the 20% darker color. If you saturate the color by 10%, you get **49.1245, 59.8862, 26.6763**, and if you desaturate by 10%, it is **54.4908, 62.2874, 43.4276**.

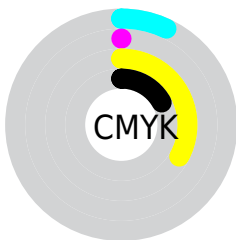
Distribution



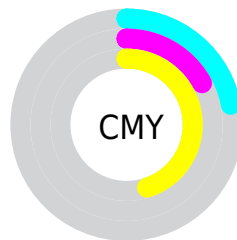
- Red (78%)
- Green (83%)
- Blue (55%)



- Red (55%)
- Yellow (83%)
- Blue (61%)



- Cyan (7%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6399, 61.0158, 34.2548 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 51.6399, 61.0158, 34.2548 by changing the saturation by 10% instead.

■ 51.6399, 61.0158,
34.2548

■ 51.6399, 61.0158,
34.2548

383.3917,
428.3319, 336.0705

■ 36.9412, 44.2379,
22.8105

■ 91.7773, 106.3018,
67.4681

■ 25.3355, 30.8576,
14.2496

■ 117.9468,
135.5787, 90.0742

■ 16.4572, 20.4904,
8.1538

■ 148.6706,
169.7908, 117.2379

■ 9.9412, 12.7520,
4.1043

184.3140,
209.3224, 149.3779

■ 5.4219, 7.2580,
1.6827

225.2425,
254.5579, 186.9126

■ 2.5342, 3.6240,
0.3489

271.8214,

■ 0.9125, 1.4655,

305.8817, 230.2605

0.0000

324.4160,
363.6783, 279.8403

0.0000, 0.2643,
0.0000

0.0000, 0.0000,
0.0000

51.6399, 61.0158,
34.2548

51.6399, 61.0158,
34.2548

49.1245, 59.8862,
26.6763

54.4908, 62.2874,
43.4276

46.9225, 58.8833,
20.5972

57.6887, 63.6992,
54.2747

45.0161, 58.0021,
15.9185

61.2503, 65.2600,
66.8753

43.3838, 57.2339,
12.5278

65.1896, 66.9756,
81.3025

■ 42.0006, 56.5688,
10.2953

■ 69.5199, 68.8512,
97.6250

■ 40.8364, 55.9947,
9.0641

■ 72.0540, 70.0119,
104.3237

■ 40.1631, 55.6566,
8.6260

■ 73.3592, 70.6847,
104.3848

■ 74.6964, 71.3741,
104.4474

■ 76.0659, 72.0801,
104.5115

Harmonies

Analogous

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



59.1790, 61.0158, 31.6476



51.6399, 61.0158, 34.2548



46.2750, 61.0158, 44.6359

Triad

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



51.6399, 61.0158, 34.2548



49.7754, 61.0158, 109.4918



74.6092, 61.0158, 69.8650

Complementary

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



51.6399, 61.0158, 34.2548



34.9284, 30.7734, 66.3897

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.



71.5406, 61.0158, 94.3803



51.6399, 61.0158, 34.2548



56.8243, 61.0158, 120.3435

Square

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



51.6399, 61.0158, 34.2548



45.2695, 61.0158, 87.1907



64.8484, 61.0158, 114.2640



72.9033, 61.0158, 49.2674

Rectangle

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



51.6399, 61.0158, 34.2548



44.4125, 61.0158, 56.1208



64.8484, 61.0158, 114.2640



74.0947, 61.0158, 77.9431

Sweetspot

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



51.6414, 61.0185, 34.2561



89.3865, 97.5236, 88.6081



43.5196, 39.0386, 30.4416



18.9719, 20.8036, 18.4033



0.0000, 0.0000, 0.0000



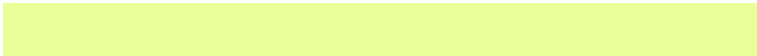
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.6414, 61.0185, 34.2561



75.7315, 91.4618, 43.7994



43.5567, 56.8507, 33.8777



13.2217, 14.3905, 13.2415



24.8759, 34.4003, 5.3288



1.5630, 2.1071, 0.3243

Inverse Universe

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



34.9284, 30.7734, 66.3897



46.7011, 38.9003, 99.6548



42.5252, 34.6897, 66.7452



11.9690, 12.1254, 15.6471



7.9862, 3.2695, 38.6633



0.5495, 0.2322, 2.3352

Previews

White Background



This preview shows how the XYZ color 51.6399, 61.0158, 34.2548 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 51.6399, 61.0158, 34.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

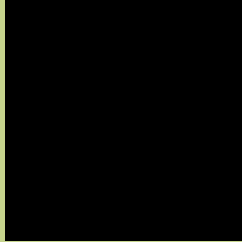
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

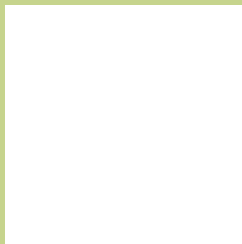
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6399, 61.0158, 34.2548

Background



This preview shows how black text looks on a background with the XYZ color 51.6399, 61.0158, 34.2548.



This preview shows how white text looks on a background with the XYZ color 51.6399, 61.0158,

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

51.6399, 61.0158, 34.2548

Protanopia

56.5430, 61.0272, 32.8441

Deuteranopia

62.0822, 60.7266, 34.8349



Tritanopia

59.7878, 60.7129, 74.8973

Trichromacy



Original Color

51.6399, 61.0158, 34.2548

Protanomaly

54.6566, 61.1220, 33.3431

Deuteranomaly

57.7570, 60.5551, 34.6308

Tritanomaly

56.2674, 60.6977, 57.4654

Monochromacy



Original Color

51.6399, 61.0158, 34.2548

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.2827, 58.5825, 51.1471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6399, 61.0158, 34.2548 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, 212, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 141)  
}
```

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, 212, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 141) }
```

Border

The CSS property to change the border of an element to XYZ 51.6399, 61.0158, 34.2548 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, 212, 141) }
```


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

```
.border{ border-color:rgb(198, 212, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 212, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6399, 61.0158, 34.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 141) }
```

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

```
.background{ background-color: rgb(198,  
212, 141) }
```

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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