

Converting Colors

XYZ(52.0931, 61.1007, 35.0949)

Have a look what the booklet for
XYZ(52.0931, 61.1007, 35.0949)
contains.

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Color

**XYZ(52.0546, 61.2123,
35.0582)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D48F
RGB	199, 212, 143
RGB Percent	78%, 83%, 56%
CMY	0.2196, 0.1686, 0.4392
CMYK	0.06, 0.00, 0.33, 0.17
HSL	71°, 45%, 70%
HSV	71°, 33%, 83%
XYZ	52.0546, 61.2123, 35.0582
YIQ	200.2470, 14.4010, -24.2150

Conversions

Conversions Part 2

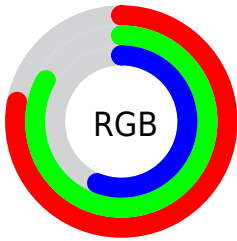
Format	Color
RYB	143, 212, 156
Decimal	13096079
CIELab	82.49, -15.46, 32.74
CIELCh	82, 36.201, 115.274
Yxy	61.2123, 0.3509, 0.4127
Android (android.graphics.Color)	4291286159 (0xFFC7D48F)
YUV	200.2470, -28.2228, -1.0936
Hunter-Lab	78.2383, -18.1549, 28.1992

Details

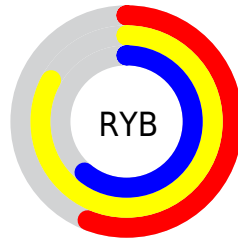
The XYZ color **52.0546, 61.2123, 35.0582** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4189, 31.4680, 66.4981**, and the grayscale version is **55.2156, 58.0912, 63.2613**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **25.4903, 30.8159, 14.7298** is the 20% darker color. If you saturate the color by 10%, you get **49.5522, 60.0926, 27.3353**, and if you desaturate by 10%, it is **54.8915, 62.4733, 44.3835**.

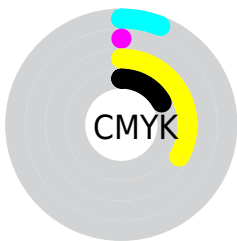
Distribution



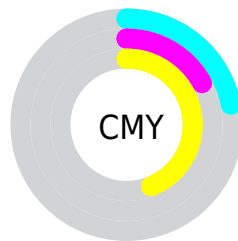
- Red (78%)
- Green (83%)
- Blue (56%)



- Red (56%)
- Yellow (83%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)





- Cyan (22%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0546, 61.2123, 35.0582 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 52.0546, 61.2123, 35.0582 by changing the saturation by 10% instead.

 52.0546, 61.2123,
35.0582


 52.0546, 61.2123,
35.0582


384.9679,
429.0520, 339.7372

 37.2730, 44.3965,
23.4238


 92.3855, 106.5863,
68.7285

 25.5936, 30.9824,
14.6985


 118.6656,
135.9133, 91.6015

 16.6509, 20.5854,
8.4638

149.5092,
170.1794, 119.0578

 10.0797, 12.8213,
4.3011

185.2817,
209.7692, 151.5159

 5.5145, 7.3056,
1.7920

226.3485,
255.0669, 189.3943

 2.5900, 3.6539,
0.4226

273.0748,

 0.9409, 1.4819,

306.4570, 233.1117

0.0000

325.8262,
364.3239, 283.0864

■ 0.0000, 0.2760,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.0546, 61.2123,
35.0582

■ 52.0546, 61.2123,
35.0582

■ 49.5522, 60.0926,
27.3353

■ 54.8915, 62.4733,
44.3835

■ 47.3623, 59.0989,
21.1207

■ 58.0742, 63.8737,
55.3905

■ 45.4674, 58.2265,
16.3163

■ 61.6193, 65.4223,
68.1579

■ 43.8462, 57.4666,
12.8109

■ 65.5406, 67.1247,
82.7585

■ 42.4741, 56.8095,
10.4769

■ 69.8515, 68.9863,
99.2606

■ 41.3218, 56.2434,
9.1605

■ 72.0184, 69.9936,
104.3221

■ 40.5686, 55.8658,
8.6450

■ 73.2640, 70.6357,
104.3804

■ 74.5388, 71.2929,
104.4400

■ 75.8431, 71.9653,
104.5011

Harmonies

Analogous

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



59.4153, 61.2123, 32.5559



52.0546, 61.2123, 35.0582



46.7854, 61.2123, 45.1979

Triad

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



52.0546, 61.2123, 35.0582



50.1073, 61.2123, 108.1787



74.3093, 61.2123, 70.2237

Complementary

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



52.0546, 61.2123, 35.0582



35.4189, 31.4680, 66.4981

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.



71.2901, 61.2123, 93.9989



52.0546, 61.2123, 35.0582



56.9628, 61.2123, 118.7934

Square

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



52.0546, 61.2123, 35.0582



45.7330, 61.2123, 86.5549



64.7690, 61.2123, 113.1018



72.7035, 61.2123, 50.0574

Rectangle

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



52.0546, 61.2123, 35.0582



44.9405, 61.2123, 56.3913



64.7690, 61.2123, 113.1018



73.7946, 61.2123, 78.0825

Sweetspot

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



52.0561, 61.2150, 35.0595



89.4667, 97.5650, 88.6118



43.9413, 39.6416, 31.3231



18.9914, 20.8137, 18.4042



0.0000, 0.0000, 0.0000



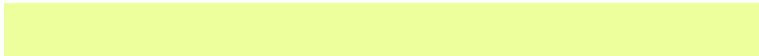
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0561, 61.2150, 35.0595



76.4000, 91.7819, 44.9420



43.9895, 57.0565, 34.6820



13.2327, 14.3962, 13.2420



25.1236, 34.5280, 5.3404



1.5759, 2.1138, 0.3249

Inverse Universe

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



35.4189, 31.4680, 66.4981



47.3841, 39.8786, 99.8077



42.9809, 35.3664, 66.8520



11.9589, 12.1202, 15.6466



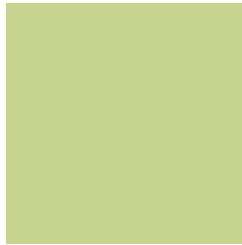
7.9383, 3.2449, 38.6611



0.5448, 0.2297, 2.3349

Previews

White Background



This preview shows how the XYZ color 52.0546, 61.2123, 35.0582 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 52.0546, 61.2123, 35.0582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

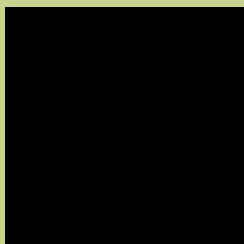
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

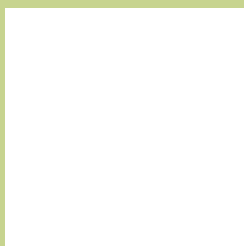
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0546, 61.2123, 35.0582

Background



This preview shows how black text looks on a background with the XYZ color 52.0546, 61.2123, 35.0582.



This preview shows how white text looks on a background with the XYZ color 52.0546, 61.2123,

35.0582.

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

52.0546, 61.2123, 35.0582

Protanopia

56.6891, 61.0857, 33.6138

Deuteranopia

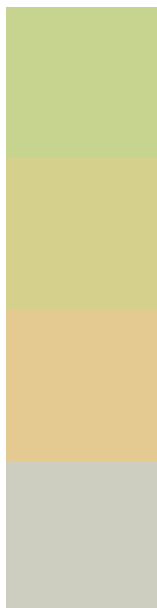
62.2365, 60.7883, 35.6472



Tritanopia

60.3053, 61.3291, 74.9889

Trichromacy



Original Color

52.0546, 61.2123, 35.0582

Protanomaly

55.0951, 61.3310, 34.1335

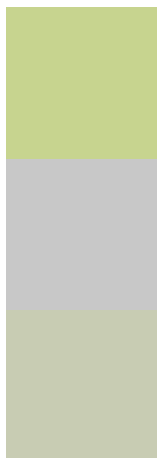
Deuteranomaly

58.2263, 60.7794, 35.4508

Tritanomaly

56.6521, 60.8833, 58.0560

Monochromacy



Original Color

52.0546, 61.2123, 35.0582

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.5490, 58.7198, 51.1595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0546, 61.2123, 35.0582 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(199, 212, 143)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 143)  
}
```

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(199, 212, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 143) }
```

Border

The CSS property to change the border of an element to XYZ 52.0546, 61.2123, 35.0582 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(199, 212, 143) }
```


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

```
.border{ border-color:rgb(199, 212, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 143);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0546, 61.2123, 35.0582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 143) }
```

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

```
.background{ background-color: rgb(199,  
212, 143) }
```

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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