

Converting Colors

XYZ(52.2911, 61.3686, 33.5154)

Have a look what the booklet for
XYZ(52.2911, 61.3686, 33.5154)
contains.

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Color

**XYZ(52.2911, 61.3686,
33.5154)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D48B
RGB	201, 212, 139
RGB Percent	79%, 83%, 55%
CMY	0.2118, 0.1686, 0.4549
CMYK	0.05, 0.00, 0.34, 0.17
HSL	69°, 46%, 69%
HSV	69°, 34%, 83%
XYZ	52.2911, 61.3686, 33.5154
YIQ	200.3890, 16.8770, -25.0350

Conversions

Conversions Part 2

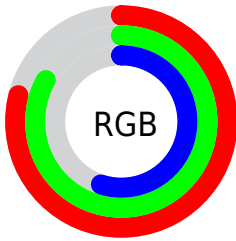
Format	Color
RYB	139, 212, 150
Decimal	13227147
CIELab	82.58, -15.20, 34.92
CIELCh	83, 38.085, 113.520
Yxy	61.3686, 0.3553, 0.4170
Android (android.graphics.Color)	4291417227 (0xFFC9D48B)
YUV	200.3890, -30.2648, 0.5358
Hunter-Lab	78.3381, -17.9420, 29.4706

Details

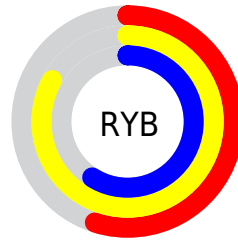
The XYZ color **52.2911, 61.3686, 33.5154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6963, 29.7044, 66.2485**, and the grayscale version is **55.3145, 58.1952, 63.3746**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **25.6725, 30.9295, 13.8494** is the 20% darker color. If you saturate the color by 10%, you get **50.0402, 60.3721, 26.0934**, and if you desaturate by 10%, it is **54.8634, 62.4999, 42.5229**.

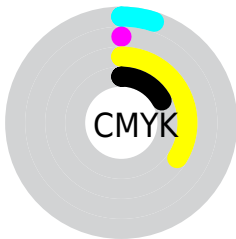
Distribution



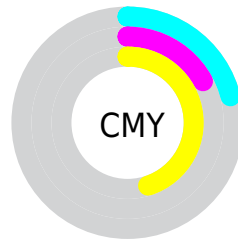
- Red (79%)
- Green (83%)
- Blue (55%)



- Red (55%)
- Yellow (83%)
- Blue (59%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2911, 61.3686, 33.5154 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 52.2911, 61.3686, 33.5154 by changing the saturation by 10% instead.

■ 52.2911, 61.3686,
33.5154

■ 52.2911, 61.3686,
33.5154

385.8649,
429.6242, 332.6688

■ 37.4624, 44.5227,
22.2472

■ 92.7321, 106.8125,
66.3046

■ 25.7410, 31.0817,
13.8386

■ 119.0751,
136.1792, 88.6627

■ 16.7616, 20.6610,
7.8710

■ 149.9868,
170.4884, 115.5546

■ 10.1589, 12.8765,
3.9260

185.8327,
210.1244, 147.3987

■ 5.5675, 7.3435,
1.5848

226.9781,
255.4715, 184.6137

■ 2.6221, 3.6779,
0.2799

273.7884,

■ 0.9572, 1.4950,

306.9143, 227.6180

0.0000

326.6289,
364.8371, 276.8301

0.0000, 0.2852,
0.0000

0.0000, 0.0000,
0.0000

52.2911, 61.3686,
33.5154

52.2911, 61.3686,
33.5154

50.0402, 60.3721,
26.0934

54.8634, 62.4999,
42.5229

48.0885, 59.4953,
20.1612

57.7686, 63.7644,
53.1964

46.4183, 58.7331,
15.6188

61.0233, 65.1707,
65.6157

45.0077, 58.0767,
12.3525

64.6414, 66.7246,
79.8542

■ 43.8318, 57.5163,
10.2304

■ 68.6364, 68.4312,
95.9812

■ 42.8599, 57.0394,
9.0922

■ 71.1634, 69.5528,
104.2821

■ 42.3778, 56.7984,
8.7296

■ 72.1410, 70.0568,
104.3278

■ 73.1373, 70.5704,
104.3744

■ 74.1523, 71.0937,
104.4219

Harmonies

Analogous

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



60.1172, 61.3686, 31.3875



52.2911, 61.3686, 33.5154



46.6048, 61.3686, 43.5133

Triad

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



52.2911, 61.3686, 33.5154



49.4919, 61.3686, 109.8362



75.3425, 61.3686, 72.0190

Complementary

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



52.2911, 61.3686, 33.5154



33.6963, 29.7044, 66.2485

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.



71.8711, 61.3686, 97.2427



52.2911, 61.3686, 33.5154



56.5767, 61.3686, 122.1272

Square

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



52.2911, 61.3686, 33.5154



45.0971, 61.3686, 86.3964



64.8147, 61.3686, 117.0498



73.9249, 61.3686, 50.4495

Rectangle

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



52.2911, 61.3686, 33.5154



44.5445, 61.3686, 54.8698



64.8147, 61.3686, 117.0498



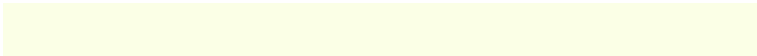
74.6989, 61.3686, 80.3902

Sweetspot

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



52.2926, 61.3713, 33.5167



89.8126, 97.7433, 88.6280



42.7121, 37.6596, 29.4448



19.0756, 20.8571, 18.4081



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.



52.2926, 61.3713, 33.5167



76.9787, 92.1289, 42.7700



43.6295, 56.9053, 33.1113



13.2803, 14.4207, 13.2442



26.2283, 35.0975, 5.3921



1.6330, 2.1432, 0.3276

Inverse Universe

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



33.6963, 29.7044, 66.2485



44.7984, 37.3064, 99.4475



41.4775, 33.7157, 66.6126



11.9151, 12.0977, 15.6446



7.7562, 3.1510, 38.6526



0.5243, 0.2192, 2.3340

Previews

White Background



This preview shows how the XYZ color 52.2911, 61.3686, 33.5154 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 52.2911, 61.3686, 33.5154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

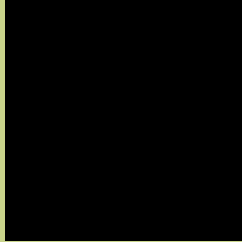
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2911, 61.3686, 33.5154

Background



This preview shows how black text looks on a background with the XYZ color 52.2911, 61.3686, 33.5154.

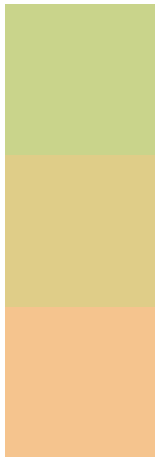


This preview shows how white text looks on a background with the XYZ color 52.2911, 61.3686,

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

52.2911, 61.3686, 33.5154

Protanopia

56.7067, 61.1282, 32.1027

Deuteranopia

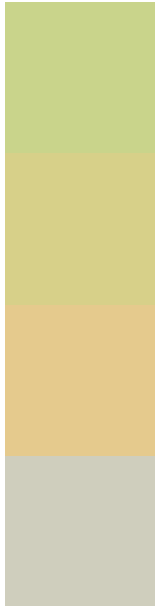
62.2786, 60.8453, 34.0531



Tritanopia

60.6394, 61.1519, 74.9371

Trichromacy



Original Color

52.2911, 61.3686, 33.5154

Protanomaly

55.0956, 61.3650, 32.6077

Deuteranomaly

58.2413, 60.8222, 33.8695

Tritanomaly

56.9887, 61.0821, 56.9305

Monochromacy



Original Color

52.2911, 61.3686, 33.5154

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.4482, 58.6794, 50.6287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2911, 61.3686, 33.5154 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(201, 212, 139)` looks like.

```
.text, #text, p{  
    color:rgb(201, 212, 139)  
}
```

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(201, 212, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 212, 139) }
```

Border

The CSS property to change the border of an element to XYZ 52.2911, 61.3686, 33.5154 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(201, 212, 139) }
```


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

```
.border{ border-color:rgb(201, 212, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 212, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 212, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 212, 139);  
box-shadow:4px 4px 4px 4px rgb(201, 212,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2911, 61.3686, 33.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 212, 139) }
```

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

```
.background{ background-color: rgb(201,  
212, 139) }
```

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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