

# Converting Colors

XYZ(54.0703, 61.8679, 35.2676)

Have a look what the booklet for  
XYZ(54.0703, 61.8679, 35.2676)  
contains.

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# Color

**XYZ(53.9843, 61.8371,  
35.0771)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFD38F
RGB	207, 211, 143
RGB Percent	81%, 83%, 56%
CMY	0.1882, 0.1725, 0.4392
CMYK	0.02, 0.00, 0.32, 0.17
HSL	64°, 44%, 69%
HSV	64°, 32%, 83%
XYZ	53.9843, 61.8371, 35.0771
YIQ	202.0520, 19.4440, -21.9960

# Conversions

## Conversions Part 2

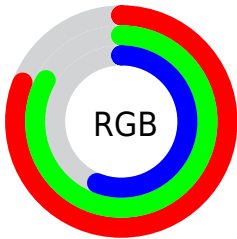
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 211, 147
Decimal	13620111
CIE <sub>Lab</sub>	82.83, -11.90, 33.29
CIE <sub>LCh</sub>	83, 35.350, 109.674
Yxy	61.8371, 0.3578, 0.4098
Android (android.graphics.Color)	4291810191 (0xFFCFD38F)
YUV	202.0520, -29.1126, 4.3394
Hunter-Lab	78.6366, -15.0731, 28.5983

# Details

The XYZ color **53.9843, 61.8371, 35.0771** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6153, 30.5527, 65.7571**, and the grayscale version is **56.3403, 59.2744, 64.5498**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **26.9376, 31.5620, 14.7975** is the 20% darker color. If you saturate the color by 10%, you get **52.1886, 61.0810, 27.4196**, and if you desaturate by 10%, it is **56.0865, 62.7204, 44.3208**.

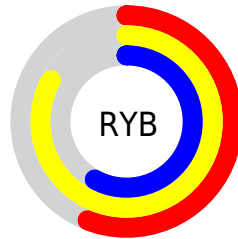
# Distribution



Red (81%)

Green (83%)

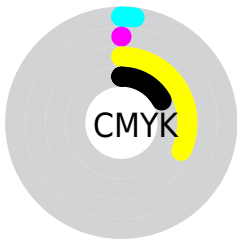
Blue (56%)



Red (56%)

Yellow (83%)

Blue (58%)

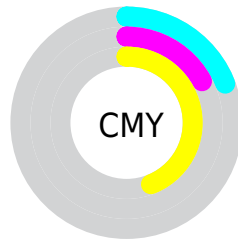


Cyan (2%)

Magenta (0%)

Yellow (32%)

Black (17%)



Cyan (19%)

Magenta (17%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9843, 61.8371, 35.0771 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 53.9843, 61.8371, 35.0771 by changing the saturation by 10% instead.





 53.9843, 61.8371,  
35.0771


 53.9843, 61.8371,  
35.0771


392.2495,  
431.3366, 339.8231

 38.8197, 44.9011,  
23.4382


 95.2082, 107.4901,  
68.7581

 26.7996, 31.3795,  
14.7091

 121.9983,  
136.9758, 91.6374

 17.5586, 20.8880,  
8.4711


153.3942,  
171.4136, 119.1005

 10.7313, 13.0422,  
4.3058

189.7614,  
211.1877, 151.5660

 5.9524, 7.4576,  
1.7946

231.4651,  
256.6828, 189.4525

 2.8566, 3.7499,  
0.4244

278.8708,

 1.0784, 1.5347,

308.2830, 233.1785

0.0000

332.3438,  
366.3728, 283.1625

■ 0.0069, 0.3129,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 53.9843, 61.8371,  
35.0771

■ 53.9843, 61.8371,  
35.0771

■ 52.1886, 61.0810,  
27.4196

■ 56.0865, 62.7204,  
44.3208

■ 50.6779, 60.4371,  
21.2554

■ 58.5062, 63.7289,  
55.2288

■ 49.4352, 59.9007,  
16.4880

■ 61.2594, 64.8711,  
67.8789

■ 48.4396, 59.4634,  
13.0080

■ 64.3598, 66.1524,  
82.3426

■ 47.6673, 59.1158,  
10.6898

■ 67.8201, 67.5781,  
98.6876

■ 47.0897, 58.8464,  
9.3826

■ 69.2107, 68.1762,  
104.1193

■ 46.7368, 58.6756,  
8.8622

■ 69.5759, 68.3645,  
104.1364

■ 69.9438, 68.5542,  
104.1536

■ 70.3145, 68.7453,  
104.1709

# Harmonies

## Analogous

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



61.4362, 61.8371, 33.9449



53.9843, 61.8371, 35.0771



48.3098, 61.8371, 43.6894

# Triad

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



53.9843, 61.8371, 35.0771



49.8047, 61.8371, 104.5980



74.3770, 61.8371, 75.1241

# Complementary

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



53.9843, 61.8371, 35.0771



33.6153, 30.5527, 65.7571

# 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.



70.6504, 61.8371, 98.2526



53.9843, 61.8371, 35.0771



56.1904, 61.8371, 117.5447

# Square

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



53.9843, 61.8371, 35.0771



46.0448, 61.8371, 82.4473



63.8396, 61.8371, 115.0003



73.6572, 61.8371, 54.1839



# Rectangle

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



53.9843, 61.8371, 35.0771



46.0931, 61.8371, 53.7976



63.8396, 61.8371, 115.0003



73.5911, 61.8371, 82.9605

# Sweetspot

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



53.9859, 61.8399, 35.0784



90.6624, 98.1814, 88.6678



42.1646, 36.5150, 30.8132



19.2827, 20.9638, 18.4178



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.



53.9859, 61.8399, 35.0784



80.8404, 94.0710, 45.1498



45.6211, 57.5277, 34.6869



12.7318, 13.7607, 12.5971



28.2349, 35.4246, 5.3495



1.6001, 1.9917, 0.3001



# Inverse Universe

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



33.6153, 30.5527, 65.7571



44.6433, 38.4657, 99.6794



40.4979, 34.1009, 66.0792



11.2272, 11.4504, 14.8621



7.2200, 2.9023, 37.3722

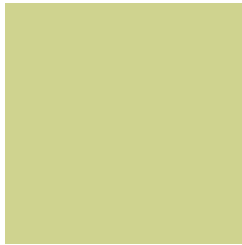


0.4268, 0.1742, 2.0907



# Previews

## White Background



This preview shows how the XYZ color 53.9843, 61.8371, 35.0771 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 53.9843, 61.8371, 35.0771 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

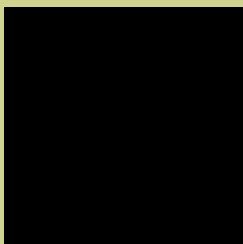
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

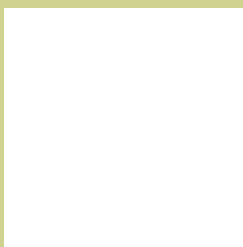
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 53.9843, 61.8371, 35.0771**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.9843, 61.8371, 35.0771.



This preview shows how white text looks on a background with the XYZ color 53.9843, 61.8371,



# 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

53.9843, 61.8371, 35.0771

### Protanopia

57.3105, 61.7537, 34.0984

### Deuteranopia

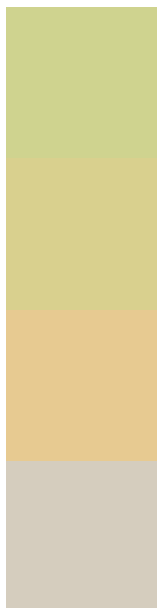
62.8107, 61.4203, 35.7389



## Tritanopia

61.9638, 61.8497, 74.3180

# Trichromacy



## Original Color

53.9843, 61.8371, 35.0771

## Protanomaly

56.0536, 61.8165, 34.5686

## Deuteranomaly

59.1864, 61.2743, 35.4957

## Tritanomaly

58.5662, 61.5265, 57.5042

# Monochromacy



## Original Color

53.9843, 61.8371, 35.0771

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

55.0737, 59.8362, 52.3629

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.9843, 61.8371, 35.0771 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(207, 211, 143)` looks like.

```
.text, #text, p{  
    color:rgb(207, 211, 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(207, 211, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 211, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 53.9843, 61.8371, 35.0771 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(207, 211, 143) }
```



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

```
.border{ border-color:rgb(207, 211, 143) }
```

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

Here you see how a box with a 4 pixel rgb(207, 211, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 211, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 211, 143);  
box-shadow:4px 4px 4px 4px rgb(207, 211,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.9843, 61.8371, 35.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 211, 143) }
```

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

```
.background{ background-color: rgb(207,  
211, 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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