

# Converting Colors

XYZ(54.7509, 61.4705, 33.1881)

Have a look what the booklet for  
XYZ(54.7509, 61.4705, 33.1881)  
contains.

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# Color

**XYZ(54.8285, 61.5820,  
33.0415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D18A
RGB	213, 209, 138
RGB Percent	84%, 82%, 54%
CMY	0.1647, 0.1804, 0.4588
CMYK	0.00, 0.02, 0.35, 0.16
HSL	57°, 47%, 69%
HSV	57°, 35%, 84%
XYZ	54.8285, 61.5820, 33.0415
YIQ	202.1020, 25.1750, -21.2330

# Conversions

## Conversions Part 2

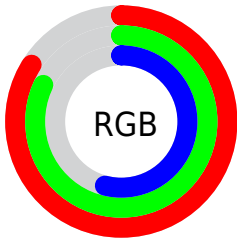
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 213, 138
Decimal	14012810
CIE <sub>Lab</sub>	82.69, -9.17, 35.76
CIE <sub>LCh</sub>	83, 36.914, 104.380
Yxy	61.5820, 0.3669, 0.4121
Android (android.graphics.Color)	4292202890 (0xFFD5D18A)
YUV	202.1020, -31.6023, 9.5575
Hunter-Lab	78.4742, -12.6151, 29.9679

# Details

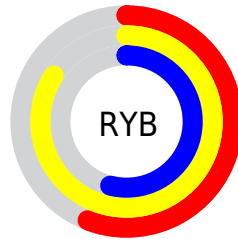
The XYZ color **54.8285, 61.5820, 33.0415** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1644, 29.5527, 66.9599**, and the grayscale version is **56.3841, 59.3204, 64.5999**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **27.3463, 31.2989, 13.6168** is the 20% darker color. If you saturate the color by 10%, you get **53.1584, 60.4723, 25.6085**, and if you desaturate by 10%, it is **56.8061, 62.8222, 42.0705**.

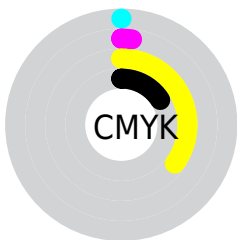
# Distribution



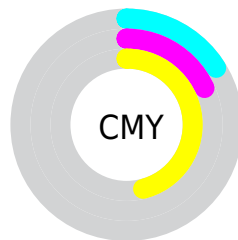
- Red (84%)
- Green (82%)
- Blue (54%)



- Red (56%)
- Yellow (84%)
- Blue (54%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8285, 61.5820, 33.0415 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 54.8285, 61.5820, 33.0415 by changing the saturation by 10% instead.



■ 54.8285, 61.5820,  
33.0415

■ 54.8285, 61.5820,  
33.0415

395.4085,  
430.4047, 330.4744

■ 39.4977, 44.6950,  
21.8869

■ 96.4394, 107.1212,  
65.5571

■ 27.3296, 31.2173,  
13.5763

■ 123.4503,  
136.5422, 87.7551

■ 17.9588, 20.7644,  
7.6912

■ 155.0852,  
170.9100, 114.4713

■ 11.0199, 12.9519,  
3.8131

191.7096,  
210.6090, 146.1243

■ 6.1476, 7.3954,  
1.5234

233.6888,  
256.0235, 183.1325

■ 2.9766, 3.7106,  
0.2352

281.3881,

■ 1.1414, 1.5130,

307.5381, 225.9146

0.0000

335.1728,  
365.5370, 274.8891

0.0593, 0.2979,  
0.0000

0.0000, 0.0000,  
0.0000

54.8285, 61.5820,  
33.0415

54.8285, 61.5820,  
33.0415

53.1584, 60.4723,  
25.6085

56.8061, 62.8222,  
42.0705

51.7735, 59.4777,  
19.6741

59.1029, 64.1911,  
52.7774

50.6557, 58.5931,  
15.1364

61.7356, 65.6976,  
65.2435

49.7828, 57.8095,  
11.8789

64.7184, 67.3473,  
79.5434

■ 49.1292, 57.1169,  
9.7666

■ 68.0647, 69.1455,  
95.7474

■ 48.6636, 56.5026,  
8.6342

■ 69.9986, 70.3820,  
104.5035

■ 48.4802, 56.2253,  
8.2974

■ 70.2899, 70.9647,  
104.6006

■ 70.5833, 71.5515,  
104.6984

■ 70.8787, 72.1422,  
104.7969

# Harmonies

## Analogous

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



62.7312, 61.5820, 33.1942



54.8285, 61.5820, 33.0415



48.5082, 61.5820, 40.4489

# Triad

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



54.8285, 61.5820, 33.0415



48.3029, 61.5820, 102.4395



74.4671, 61.5820, 79.5019

# Complementary

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



54.8285, 61.5820, 33.0415



32.1644, 29.5527, 66.9599

# 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.



69.8491, 61.5820, 103.3275



54.8285, 61.5820, 33.0415



54.5242, 61.5820, 118.4719

# Square

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



54.8285, 61.5820, 33.0415



44.9777, 61.5820, 78.4847



62.3983, 61.5820, 118.8293



74.5673, 61.5820, 56.7878



# Rectangle

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



54.8285, 61.5820, 33.0415



45.8395, 61.5820, 49.8977



62.3983, 61.5820, 118.8293



73.3743, 61.5820, 87.7470

# Sweetspot

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



54.8300, 61.5848, 33.0428



90.3834, 97.3737, 86.6682



41.4875, 34.3070, 30.4227



19.2322, 20.7766, 18.0139



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.



54.8300, 61.5848, 33.0428



80.5444, 91.3290, 41.3586



47.3212, 59.1872, 32.9758



13.4135, 14.4013, 13.2335



29.6382, 34.3936, 5.0765



1.8054, 2.1099, 0.3121



# Inverse Universe

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



32.1644, 29.5527, 66.9599



41.7351, 36.4875, 99.4509



37.7852, 31.5837, 67.0557



11.7952, 12.1137, 15.6540



7.4352, 3.1321, 38.6658

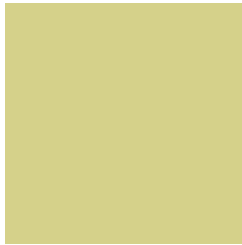


0.4676, 0.2271, 2.3385



# Previews

## White Background



This preview shows how the XYZ color 54.8285, 61.5820, 33.0415 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 54.8285, 61.5820, 33.0415 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

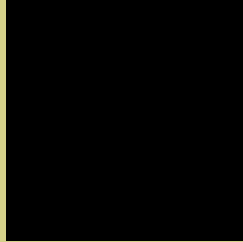
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.8285, 61.5820, 33.0415**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.8285, 61.5820, 33.0415.



This preview shows how white text looks on a background with the XYZ color 54.8285, 61.5820,



# 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

54.8285, 61.5820, 33.0415

### Protanopia

57.0181, 61.6367, 32.5588

### Deuteranopia

62.7800, 61.4484, 33.7512



## Tritanopia

62.8134, 61.2827, 72.8081

# Trichromacy



## Original Color

54.8285, 61.5820, 33.0415

## Protanomaly

56.0416, 61.4919, 32.5823

## Deuteranomaly

59.5520, 61.1592, 33.4771

## Tritanomaly

59.5390, 61.3598, 55.7193

# Monochromacy



## Original Color

54.8285, 61.5820, 33.0415

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

55.4216, 60.0391, 51.3155

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.8285, 61.5820, 33.0415 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(213, 209, 138)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 138)  
}
```

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(213, 209, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 138) }
```

## Border

The CSS property to change the border of an element to XYZ 54.8285, 61.5820, 33.0415 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(213, 209, 138) }
```



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

```
.border{ border-color:rgb(213, 209, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 209, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 209, 138); box-shadow:4px 4px 4px 4px rgb(213, 209, 138) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.8285, 61.5820, 33.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 138) }
```

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

```
.background{ background-color: rgb(213,  
209, 138) }
```

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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