

Converting Colors

XYZ(54.4259, 62.0452, 37.2838)

Have a look what the booklet for
XYZ(54.4259, 62.0452, 37.2838)
contains.

XYZ(54.3717, 61.9920, 37.1169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.3717, 61.9920,
37.1169)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD394
RGB	207, 211, 148
RGB Percent	81%, 83%, 58%
CMY	0.1882, 0.1725, 0.4196
CMYK	0.02, 0.00, 0.30, 0.17
HSL	64°, 42%, 70%
HSV	64°, 30%, 83%
XYZ	54.3717, 61.9920, 37.1169
YIQ	202.6220, 17.8390, -20.4410

Conversions

Conversions Part 2

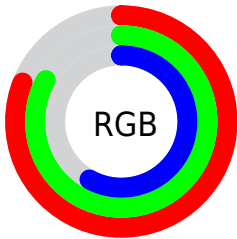
Format	Color
RYB	148, 211, 152
Decimal	13620116
CIELab	82.91, -11.27, 30.82
CIELCh	83, 32.816, 110.084
Yxy	61.9920, 0.3543, 0.4039
Android (android.graphics.Color)	4291810196 (0xFFCFD394)
YUV	202.6220, -26.9286, 3.8395
Hunter-Lab	78.7350, -14.5202, 27.1643

Details

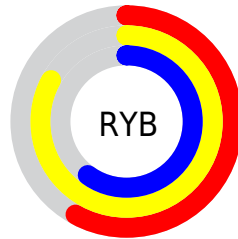
The XYZ color **54.3717, 61.9920, 37.1169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2989, 32.5599, 66.0557**, and the grayscale version is **56.6846, 59.6366, 64.9443**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **27.1635, 31.6524, 15.9871** is the 20% darker color. If you saturate the color by 10%, you get **52.4790, 61.1940, 29.0907**, and if you desaturate by 10%, it is **56.5752, 62.9190, 46.7493**.

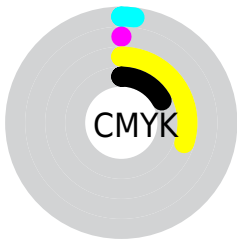
Distribution



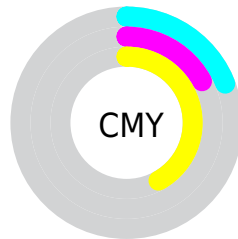
- Red (81%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3717, 61.9920, 37.1169 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 54.3717, 61.9920, 37.1169 by changing the saturation by 10% instead.

■ 54.3717, 61.9920,
37.1169

■ 54.3717, 61.9920,
37.1169

393.7011,
431.9019, 349.0003

■ 39.1308, 45.0262,
25.0015

■ 95.7735, 107.7140,
71.9409

■ 27.0426, 31.4781,
15.8592

■ 122.6650,
137.2390, 95.4866

■ 17.7420, 20.9632,
9.2713

154.1709,
171.7192, 123.6794

■ 10.8635, 13.0971,
4.8193

190.6563,
211.5389, 156.9380

■ 6.0417, 7.4954,
2.0848

232.4866,
257.0827, 195.6808

■ 2.9114, 3.7738,
0.6067

280.0273,

■ 1.1071, 1.5479,

308.7349, 240.3264

0.0000

333.6437,
366.8798, 291.2934

■ 0.0310, 0.3221,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3717, 61.9920,
37.1169

■ 54.3717, 61.9920,
37.1169

■ 52.4790, 61.1940,
29.0907

■ 56.5752, 62.9190,
46.7493

■ 50.8758, 60.5100,
22.5796

■ 59.1002, 63.9729,
58.0647

■ 49.5456, 59.9355,
17.4894

■ 61.9624, 65.1620,
71.1395

■ 48.4682, 59.4625,
13.7139

■ 65.1754, 66.4917,
86.0443

■ 47.6206, 59.0818,
11.1317

■ 68.7517, 67.9672,
102.8459

■ 46.9754, 58.7824,
9.5993

■ 69.3840, 68.2655,
104.1274

■ 46.4837, 58.5449,
8.8589

■ 69.7796, 68.4694,
104.1459

■ 46.4770, 58.5416,
8.8501

■ 70.1785, 68.6750,
104.1645

■ 70.5806, 68.8823,
104.1834

Harmonies

Analogous

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



61.2959, 61.9920, 35.9301



54.3717, 61.9920, 37.1169



49.0898, 61.9920, 45.4550

Triad

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



54.3717, 61.9920, 37.1169



50.6149, 61.9920, 102.0141



73.3665, 61.9920, 74.4342

Complementary

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



54.3717, 61.9920, 37.1169



35.2989, 32.5599, 66.0557

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.



69.9855, 61.9920, 95.7175



54.3717, 61.9920, 37.1169



56.6093, 61.9920, 113.6199

Square

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



54.3717, 61.9920, 37.1169



47.0442, 61.9920, 81.7834



63.7184, 61.9920, 111.1095



72.6465, 61.9920, 54.9825

Rectangle

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



54.3717, 61.9920, 37.1169



47.0325, 61.9920, 55.0757



63.7184, 61.9920, 111.1095



72.6621, 61.9920, 81.6621

Sweetspot

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



54.3733, 61.9948, 37.1182



91.0379, 98.3334, 90.5632



43.3020, 38.1701, 33.1031



19.3558, 20.9932, 18.7953



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.



54.3733, 61.9948, 37.1182



81.5145, 94.3415, 48.6578



46.6255, 58.0007, 36.7556



12.7261, 13.7578, 12.5968



28.0805, 35.3450, 5.3423



1.5930, 1.9881, 0.2998

Inverse Universe

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



35.2989, 32.5599, 66.0557



47.5525, 41.9244, 100.1937



41.7949, 35.9087, 66.3597



11.2323, 11.4530, 14.8623



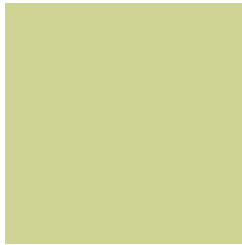
7.2299, 2.9075, 37.3726



0.4292, 0.1754, 2.0908

Previews

White Background



This preview shows how the XYZ color 54.3717, 61.9920, 37.1169 looks on a white background.

Color Contrast Check

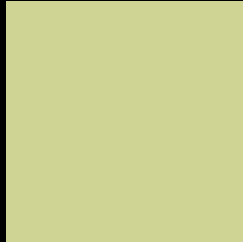
Large Text (above 18pt) WCAG AA × Fail

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 54.3717, 61.9920, 37.1169 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 54.3717, 61.9920, 37.1169

Background



This preview shows how black text looks on a background with the XYZ color 54.3717, 61.9920, 37.1169.



This preview shows how white text looks on a background with the XYZ color 54.3717, 61.9920,

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

54.3717, 61.9920, 37.1169

Protanopia

57.3838, 61.7475, 36.0881

Deuteranopia

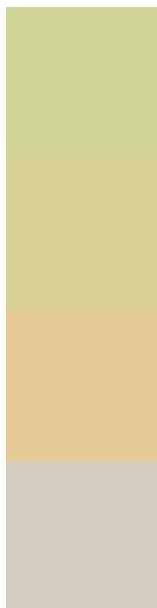
63.0882, 61.8556, 37.8924



Tritanopia

62.0943, 61.9019, 75.0052

Trichromacy



Original Color

54.3717, 61.9920, 37.1169

Protanomaly

56.4376, 61.9700, 36.5906

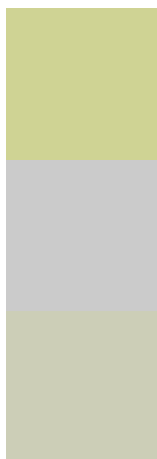
Deuteranomaly

59.8160, 61.9028, 37.6500

Tritanomaly

58.8975, 61.6590, 59.2492

Monochromacy



Original Color

54.3717, 61.9920, 37.1169

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.5204, 60.3989, 53.5317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3717, 61.9920, 37.1169 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(207, 211, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 211, 148) }
```

Border

The CSS property to change the border of an element to XYZ 54.3717, 61.9920, 37.1169 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, 148) }
```


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

```
.border{ border-color:rgb(207, 211, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 211, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 211, 148); box-shadow:4px 4px 4px 4px rgb(207, 211, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3717, 61.9920, 37.1169 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, 148) }
```

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

```
.background{ background-color: rgb(207,  
211, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor