

Converting Colors

XYZ(51.4031, 59.3058, 37.2288)

Have a look what the booklet for
XYZ(51.4031, 59.3058, 37.2288)
contains.

XYZ(51.5339, 59.4238, 37.1876)	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(51.5339, 59.4238,
37.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D095
RGB	199, 208, 149
RGB Percent	78%, 82%, 58%
CMY	0.2196, 0.1843, 0.4157
CMYK	0.04, 0.00, 0.28, 0.18
HSL	69°, 39%, 70%
HSV	69°, 28%, 82%
XYZ	51.5339, 59.4238, 37.1876
YIQ	198.5830, 13.5750, -20.2570

Conversions

Conversions Part 2

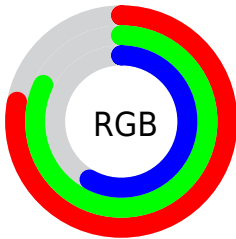
Format	Color
RYB	149, 208, 158
Decimal	13095061
CIELab	81.52, -12.65, 28.34
CIElCh	82, 31.038, 114.049
Yxy	59.4238, 0.3479, 0.4011
Android (android.graphics.Color)	4291285141 (0xFFC7D095)
YUV	198.5830, -24.4444, 0.3657
Hunter-Lab	77.0868, -15.5716, 25.3586

Details

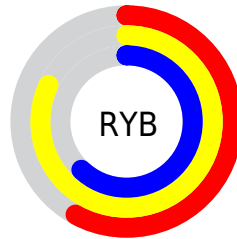
The XYZ color **51.5339, 59.4238, 37.1876** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.2355, 33.3196, 64.1994**, and the grayscale version is **54.1714, 56.9925, 62.0648**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **25.2618, 29.9223, 15.9994** is the 20% darker color. If you saturate the color by 10%, you get **49.1864, 58.3905, 29.1698**, and if you desaturate by 10%, it is **54.1986, 60.5901, 46.7708**.

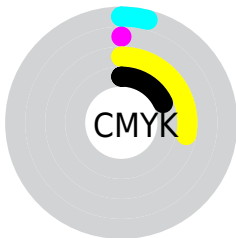
Distribution



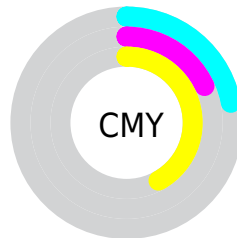
- Red (78%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)





- Cyan (22%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5339, 59.4238, 37.1876 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 51.5339, 59.4238, 37.1876 by changing the saturation by 10% instead.


 51.5339, 59.4238,
37.1876

 51.5339, 59.4238,
37.1876


382.9881,
422.4706, 349.3151

 36.8565, 42.9544,
25.0559


 91.6218, 103.9934,
72.0508

 25.2695, 29.8493,
15.8993


 117.7629,
132.8623, 95.6193

 16.4078, 19.7242,
9.2993


148.4560,
166.6332, 123.8371

 9.9058, 12.1948,
4.8375

184.0664,
205.6904, 157.1228

 5.3984, 6.8765,
2.0951

224.9595,
250.4183, 195.8949

 2.5200, 3.3850,
0.6129

271.5005,

 0.9053, 1.3359,

301.2015, 240.5720

0.0000

324.0550,
358.4241, 291.5725

■ 0.0000, 0.1687,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5339, 59.4238,
37.1876

■ 51.5339, 59.4238,
37.1876

■ 49.1864, 58.3905,
29.1698

■ 54.1986, 60.5901,
46.7708

■ 47.1357, 57.4760,
22.6304

■ 57.1908, 61.8873,
57.9927

■ 45.3660, 56.6758,
17.4800

■ 60.5256, 63.3237,
70.9263

■ 43.8579, 55.9823,
13.6175

■ 64.2161, 64.9043,
85.6393

■ 42.5897, 55.3867,
10.9286

■ 68.2745, 66.6342,
102.1956

■ 41.5357, 54.8788,
9.2785

■ 69.5347, 67.2470,
103.9228

■ 40.6569, 54.4429,
8.4633

■ 70.4935, 67.7413,
103.9677

■ 40.5206, 54.3748,
8.3597

■ 71.4706, 68.2450,
104.0134

■ 72.4660, 68.7581,
104.0600

Harmonies

Analogous

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



57.7876, 59.4238, 35.2073



51.5339, 59.4238, 37.1876



46.9459, 59.4238, 45.8638

Triad

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



51.5339, 59.4238, 37.1876



49.4492, 59.4238, 98.2585



69.8604, 59.4238, 68.4888

Complementary

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



51.5339, 59.4238, 37.1876



36.2355, 33.3196, 64.1994

Split Complementary

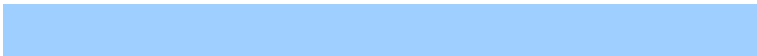
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2260, 59.4238, 88.1005



51.5339, 59.4238, 37.1876



55.1933, 59.4238, 107.2836

Square

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



51.5339, 59.4238, 37.1876



45.8085, 59.4238, 80.4301



61.7340, 59.4238, 103.2486



68.6933, 59.4238, 51.1715

Rectangle

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



51.5339, 59.4238, 37.1876



45.2850, 59.4238, 55.3467



61.7340, 59.4238, 103.2486



69.3842, 59.4238, 75.0572

Sweetspot

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



51.5354, 59.4264, 37.1889



90.2957, 97.9508, 90.5285



43.6406, 39.9841, 33.8522



19.1716, 20.8983, 18.7867



0.0000, 0.0000, 0.0000



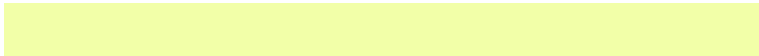
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5354, 59.4264, 37.1889



79.3943, 93.1946, 50.9963



44.4848, 55.7917, 36.8589



12.6188, 13.7024, 12.5918



25.3192, 33.9215, 5.2130



1.4648, 1.9220, 0.2938

Inverse Universe

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



36.2355, 33.3196, 64.1994



51.2891, 45.2243, 100.6337



42.7138, 36.6594, 64.5026



11.3293, 11.5031, 14.8668



7.5139, 3.0538, 37.3859



0.4747, 0.1989, 2.0929

Previews

White Background



This preview shows how the XYZ color 51.5339, 59.4238, 37.1876 looks on a white background.

Color Contrast Check

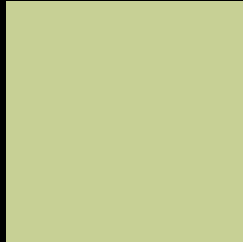
Large Text (above 18pt) WCAG AA × Fail

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 51.5339, 59.4238, 37.1876 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

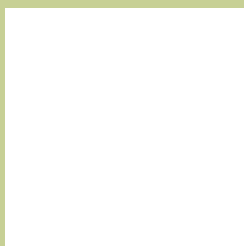
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5339, 59.4238, 37.1876

Background



This preview shows how black text looks on a background with the XYZ color 51.5339, 59.4238, 37.1876.



This preview shows how white text looks on a background with the XYZ color 51.5339, 59.4238,

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

51.5339, 59.4238, 37.1876

Protanopia

55.2223, 59.2218, 35.7146

Deuteranopia

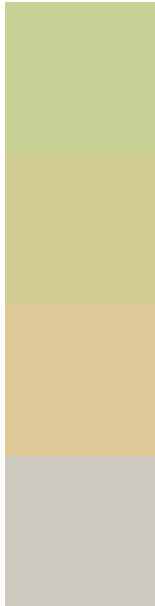
60.5559, 59.2013, 37.9411



Tritanopia

58.7016, 59.1630, 72.6157

Trichromacy



Original Color

51.5339, 59.4238, 37.1876

Protanomaly

53.7233, 59.1412, 36.1876

Deuteranomaly

56.7498, 58.9285, 37.6615

Tritanomaly

55.7013, 58.9818, 57.7391

Monochromacy



Original Color

51.5339, 59.4238, 37.1876

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.0142, 57.7194, 52.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5339, 59.4238, 37.1876 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, 208, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 149)  
}
```

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, 208, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 149) }
```

Border

The CSS property to change the border of an element to XYZ 51.5339, 59.4238, 37.1876 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, 208, 149) }
```


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

```
.border{ border-color:rgb(199, 208, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 149);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5339, 59.4238, 37.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 149) }
```

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

```
.background{ background-color: rgb(199,  
208, 149) }
```

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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