

Converting Colors

XYZ(52.6254, 60.8538, 39.4750)

Have a look what the booklet for
XYZ(52.6254, 60.8538, 39.4750)
contains.

XYZ(52.6802, 61.0637, 39.5818)	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(52.6802, 61.0637,
39.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D39A
RGB	199, 211, 154
RGB Percent	78%, 83%, 60%
CMY	0.2196, 0.1725, 0.3961
CMYK	0.06, 0.00, 0.27, 0.17
HSL	73°, 39%, 72%
HSV	73°, 27%, 83%
XYZ	52.6802, 61.0637, 39.5818
YIQ	200.9140, 11.1450, -20.2710

Conversions

Conversions Part 2

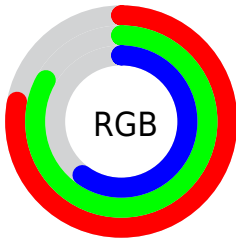
Format	Color
RYB	154, 211, 166
Decimal	13095834
CIELab	82.41, -13.48, 26.94
CIELCh	82, 30.123, 116.583
Yxy	61.0637, 0.3436, 0.3983
Android (android.graphics.Color)	4291285914 (0xFFC7D39A)
YUV	200.9140, -23.1286, -1.6786
Hunter-Lab	78.1433, -16.4151, 24.6682

Details

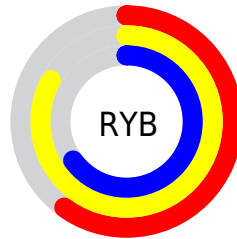
The XYZ color **52.6802, 61.0637, 39.5818** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0417, 35.9230, 66.5075**, and the grayscale version is **55.5993, 58.4948, 63.7009**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **26.1323, 31.0930, 17.1946** is the 20% darker color. If you saturate the color by 10%, you get **49.9137, 59.8250, 31.0713**, and if you desaturate by 10%, it is **55.7932, 62.4492, 49.7235**.

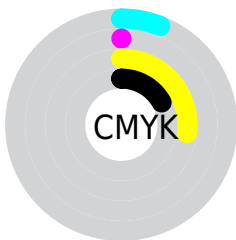
Distribution



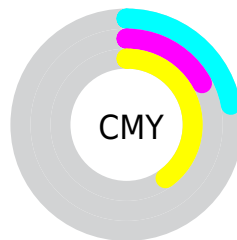
- Red (78%)
- Green (83%)
- Blue (60%)



- Red (60%)
- Yellow (83%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6802, 61.0637, 39.5818 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 52.6802, 61.0637, 39.5818 by changing the saturation by 10% instead.

■ 52.6802, 61.0637,
39.5818

■ 52.6802, 61.0637,
39.5818

387.3379,
428.5075, 359.8573

■ 37.7740, 44.2766,
26.9013

■ 93.3019, 106.3712,
75.7564

■ 25.9837, 30.8880,
17.2673

■ 119.7481,
135.6603, 100.0876

■ 16.9441, 20.5136,
10.2613

150.7717,
169.8856, 129.1394

■ 10.2897, 12.7689,
5.4647

186.7381,
209.4313, 163.3304

■ 5.6552, 7.2696,
2.4589

228.0125,
254.6820, 203.0792

■ 2.6752, 3.6313,
0.8183

274.9604,

■ 0.9844, 1.4695,

306.0220, 248.8042

0.0000

327.9471,
363.8357, 300.9241

0.0000, 0.2671,
0.0000

0.0000, 0.0000,
0.0000

52.6802, 61.0637,
39.5818

52.6802, 61.0637,
39.5818

49.9137, 59.8250,
31.0713

55.7932, 62.4492,
49.7235

47.4726, 58.7182,
24.1029

59.2634, 63.9795,
61.5716

45.3405, 57.7390,
18.5850

63.1065, 65.6630,
75.2010

43.4975, 56.8793,
14.4146

67.3361, 67.5052,
90.6813

■ 41.9213, 56.1302,
11.4754

■ 71.2310, 69.2176,
104.2138

■ 40.5857, 55.4811,
9.6311

■ 72.6038, 69.9253,
104.2780

■ 39.4562, 54.9182,
8.7016

■ 74.0127, 70.6516,
104.3440

■ 39.1409, 54.7596,
8.5067

■ 75.4580, 71.3967,
104.4116

■ 76.9399, 72.1606,
104.4810

Harmonies

Analogous

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



58.7794, 61.0637, 37.0340



52.6802, 61.0637, 39.5818



48.3184, 61.0637, 48.8305

Triad

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



52.6802, 61.0637, 39.5818



51.4925, 61.0637, 100.6411



71.2774, 61.0637, 68.6213

Complementary

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



52.6802, 61.0637, 39.5818



39.0417, 35.9230, 66.5075

Split Complementary

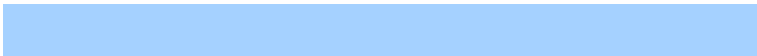
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9835, 61.0637, 87.9591



52.6802, 61.0637, 39.5818



57.3053, 61.0637, 108.4705

Square

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



52.6802, 61.0637, 39.5818



47.6691, 61.0637, 83.6262



63.7499, 61.0637, 103.4497



69.8138, 61.0637, 51.8675

Rectangle

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



52.6802, 61.0637, 39.5818



46.8238, 61.0637, 58.6049



63.7499, 61.0637, 103.4497



70.9162, 61.0637, 75.0481

Sweetspot

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



52.6818, 61.0664, 39.5831



90.3747, 97.9493, 92.4375



46.2262, 43.2385, 36.4822



19.1647, 20.8863, 19.1657



0.0000, 0.0000, 0.0000



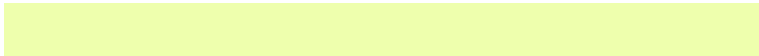
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6818, 61.0664, 39.5831



78.5396, 92.6979, 53.4914



45.9454, 57.5937, 39.2678



12.5496, 13.6668, 12.5886



23.7084, 33.0911, 5.1377



1.3882, 1.8825, 0.2902

Inverse Universe

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



39.0417, 35.9230, 66.5075



54.4519, 48.2833, 101.0574



45.5380, 39.2719, 66.8115



11.3930, 11.5359, 14.8698



7.8041, 3.2035, 37.3995



0.5043, 0.2141, 2.0943

Previews

White Background



This preview shows how the XYZ color 52.6802, 61.0637, 39.5818 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 52.6802, 61.0637, 39.5818 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

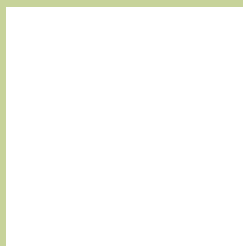
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6802, 61.0637, 39.5818

Background



This preview shows how black text looks on a background with the XYZ color 52.6802, 61.0637, 39.5818.



This preview shows how white text looks on a background with the XYZ color 52.6802, 61.0637,

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

52.6802, 61.0637, 39.5818

Protanopia

56.9324, 61.1127, 38.0734

Deuteranopia

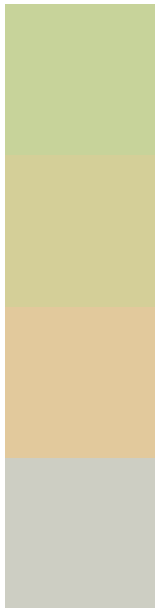
62.1014, 60.6149, 40.3250



Tritanopia

60.1545, 61.2362, 75.6671

Trichromacy



Original Color

52.6802, 61.0637, 39.5818

Protanomaly

55.1317, 60.8897, 38.5529

Deuteranomaly

58.2514, 60.3423, 40.0295

Tritanomaly

57.0985, 61.0619, 60.4065

Monochromacy



Original Color

52.6802, 61.0637, 39.5818

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.3025, 59.4027, 53.9512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6802, 61.0637, 39.5818 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, 211, 154)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 154)  
}
```

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, 211, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 154) }
```

Border

The CSS property to change the border of an element to XYZ 52.6802, 61.0637, 39.5818 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, 211, 154) }
```


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

```
.border{ border-color:rgb(199, 211, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 211, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 211, 154);  
box-shadow:4px 4px 4px 4px rgb(199, 211,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6802, 61.0637, 39.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 154) }
```

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

```
.background{ background-color: rgb(199,  
211, 154) }
```

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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