

Converting Colors

XYZ(50.7372, 59.8862, 39.9305)

Have a look what the booklet for
XYZ(50.7372, 59.8862, 39.9305)
contains.

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Color

**XYZ(50.9489, 60.1616,
39.9374)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D39B
RGB	192, 211, 155
RGB Percent	75%, 83%, 61%
CMY	0.2471, 0.1725, 0.3921
CMYK	0.09, 0.00, 0.27, 0.17
HSL	80°, 39%, 72%
HSV	80°, 27%, 83%
XYZ	50.9489, 60.1616, 39.9374
YIQ	198.9350, 6.6520, -21.4440

Conversions

Conversions Part 2

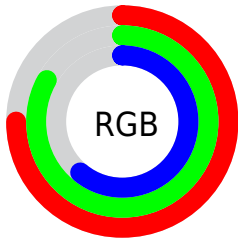
Format	Color
RYB	155, 211, 174
Decimal	12637083
CIELab	81.93, -15.93, 25.67
CIELCh	82, 30.214, 121.819
Yxy	60.1616, 0.3373, 0.3983
Android (android.graphics.Color)	4290827163 (0xFFC0D39B)
YUV	198.9350, -21.6600, -6.0820
Hunter-Lab	77.5639, -18.4867, 23.7665

Details

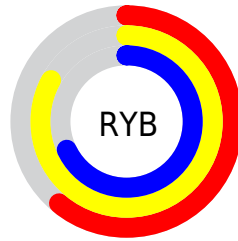
The XYZ color **50.9489, 60.1616, 39.9374** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9372, 37.1462, 66.6437**, and the grayscale version is **54.3732, 57.2048, 62.2960**.

A 20% lighter version of the original color is **86.4598, 96.3129, 75.0061**, and **24.8179, 30.1595, 17.3453** is the 20% darker color. If you saturate the color by 10%, you get **47.5608, 58.6040, 31.3232**, and if you desaturate by 10%, it is **54.7381, 61.8939, 50.1892**.

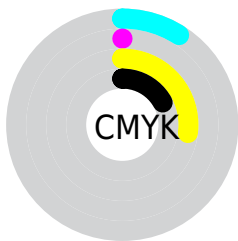
Distribution



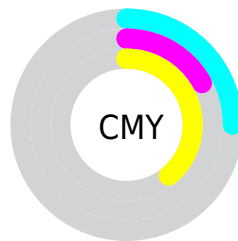
- Red (75%)
- Green (83%)
- Blue (61%)



- Red (61%)
- Yellow (83%)
- Blue (68%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)




- Cyan (25%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9489, 60.1616, 39.9374 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 50.9489, 60.1616, 39.9374 by changing the saturation by 10% instead.


 50.9489, 60.1616,
39.9374

 50.9489, 60.1616,
39.9374


380.7562,
425.1932, 361.4039

 36.3888, 43.5489,
27.1763


 90.7627, 105.0641,
76.3042

 24.9061, 30.3160,
17.4721


 116.7471,
134.1226, 100.7471

 16.1355, 20.0786,
10.4061


147.2703,
168.0985, 129.9209

 9.7115, 12.4522,
5.5600

182.6977,
207.3763, 164.2442

 5.2689, 7.0524,
2.5150

223.3946,
252.3402, 204.1357

 2.4423, 3.4949,
0.8481

269.7264,

 0.8662, 1.3952,

303.3748, 250.0138

0.0000

322.0585,
360.8643, 302.2970

■ 0.0000, 0.2132,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.9489, 60.1616,
39.9374

■ 50.9489, 60.1616,
39.9374

■ 47.5608, 58.6040,
31.3232

■ 54.7381, 61.8939,
50.1892

■ 44.5516, 57.2060,
24.2578

■ 58.9398, 63.7995,
62.1534

■ 41.9043, 55.9626,
18.6500

■ 63.5708, 65.8873,
75.9051

■ 39.5979, 54.8653,
14.3972

■ 68.6453, 68.1631,
91.5134

■ 37.6092, 53.9048,
11.3837

■ 73.2779, 70.2728,
104.3096

■ 35.9113, 53.0700,
9.4746

■ 75.5943, 71.4670,
104.4180

■ 34.4698, 52.3470,
8.4968

■ 78.0060, 72.7102,
104.5309

■ 34.0100, 52.1146,
8.2666

■ 80.5138, 74.0031,
104.6482

■ 82.5855, 75.0711,
104.7452

Harmonies

Analogous

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



56.7928, 60.1616, 36.2686



50.9489, 60.1616, 39.9374



47.0266, 60.1616, 50.2621

Triad

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



50.9489, 60.1616, 39.9374



51.5767, 60.1616, 101.6508



70.3539, 60.1616, 64.3956

Complementary

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



50.9489, 60.1616, 39.9374



40.9372, 37.1462, 66.6437

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.



68.7028, 60.1616, 83.5564



50.9489, 60.1616, 39.9374



57.5725, 60.1616, 107.3165

Square

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



50.9489, 60.1616, 39.9374



47.3697, 60.1616, 85.8517



63.9034, 60.1616, 100.1616



68.2631, 60.1616, 48.6586

Rectangle

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



50.9489, 60.1616, 39.9374



45.8683, 60.1616, 60.6281



63.9034, 60.1616, 100.1616



70.2176, 60.1616, 70.6383

Sweetspot

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



50.9505, 60.1642, 39.9387



89.4365, 97.4656, 92.3936



47.8543, 46.3609, 37.4376



18.9274, 20.7640, 19.1546



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.



50.9505, 60.1642, 39.9387



75.1177, 90.9338, 53.3313



44.5913, 56.8860, 39.6411



12.3976, 13.5884, 12.5814



20.6372, 31.5078, 4.9939



1.2368, 1.8045, 0.2831

Inverse Universe

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



40.9372, 37.1462, 66.6437



57.1822, 49.6909, 101.1852



47.7485, 40.6575, 66.9625



11.5364, 11.6099, 14.8765



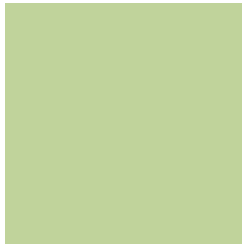
8.7896, 3.7115, 37.4456



0.5755, 0.2508, 2.0977

Previews

White Background



This preview shows how the XYZ color 50.9489, 60.1616, 39.9374 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 50.9489, 60.1616, 39.9374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

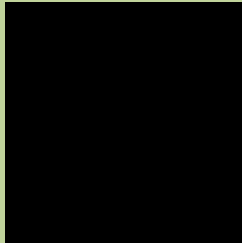
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9489, 60.1616, 39.9374

Background



This preview shows how black text looks on a background with the XYZ color 50.9489, 60.1616, 39.9374.



This preview shows how white text looks on a background with the XYZ color 50.9489, 60.1616,

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

50.9489, 60.1616, 39.9374

Protanopia

55.8553, 59.8517, 37.8868

Deuteranopia

60.9466, 59.6760, 40.6541



Tritanopia

58.2295, 60.2439, 75.5770

Trichromacy



Original Color

50.9489, 60.1616, 39.9374

Protanomaly

54.0333, 59.9649, 38.4323

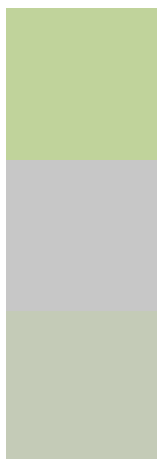
Deuteranomaly

56.7912, 59.5798, 40.4051

Tritanomaly

55.3238, 60.1339, 60.9157

Monochromacy



Original Color

50.9489, 60.1616, 39.9374

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.6681, 57.8665, 53.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9489, 60.1616, 39.9374 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(192, 211, 155)` looks like.

```
.text, #text, p{  
    color:rgb(192, 211, 155)  
}
```

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(192, 211, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 211, 155) }
```

Border

The CSS property to change the border of an element to XYZ 50.9489, 60.1616, 39.9374 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(192, 211, 155) }
```


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

```
.border{ border-color:rgb(192, 211, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 211, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 211, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 211, 155); box-shadow:4px 4px 4px 4px rgb(192, 211, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9489, 60.1616, 39.9374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 211, 155) }
```

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

```
.background{ background-color: rgb(192,  
211, 155) }
```

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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