

Converting Colors

XYZ(39.1751, 40.5008, 15.2039)

Have a look what the booklet for
XYZ(39.1751, 40.5008, 15.2039)
contains.

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Color

**XYZ(39.1751, 40.5008,
15.2039)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A759
RGB	199, 167, 89
RGB Percent	78%, 65%, 35%
CMY	0.2196, 0.3451, 0.6510
CMYK	0.00, 0.16, 0.55, 0.22
HSL	43°, 50%, 56%
HSV	43°, 55%, 78%
XYZ	39.1751, 40.5008, 15.2039
YIQ	167.6760, 44.1100, -17.4740

Conversions

Conversions Part 2

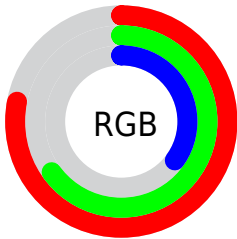
Format	Color
RYB	134, 199, 89
Decimal	13084505
CIELab	69.82, 2.17, 44.21
CIELCh	70, 44.267, 87.195
Yxy	40.5008, 0.4129, 0.4269
Android (android.graphics.Color)	4291274585 (0xFFC7A759)
YUV	167.6760, -38.7873, 27.4711
Hunter-Lab	63.6402, -1.4910, 30.3836

Details

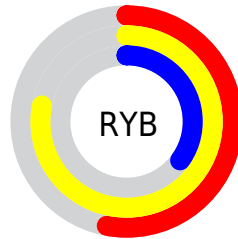
The XYZ color **39.1751, 40.5008, 15.2039** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **21.2658, 19.9215, 56.7571**, and the grayscale version is **37.2304, 39.1693, 42.6553**.

A 20% lighter version of the original color is **72.1690, 75.4256, 35.9542**, and **17.6523, 18.1587, 4.4941** is the 20% darker color. If you saturate the color by 10%, you get **37.4133, 38.1387, 11.0365**, and if you desaturate by 10%, it is **41.2122, 43.0521, 20.5782**.

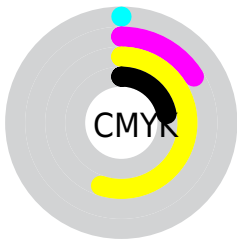
Distribution



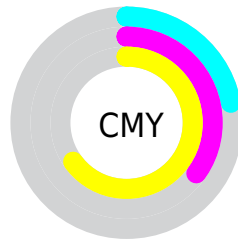
- Red (78%)
- Green (65%)
- Blue (35%)



- Red (53%)
- Yellow (78%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (55%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1751, 40.5008, 15.2039 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 39.1751, 40.5008, 15.2039 by changing the saturation by 10% instead.


 39.1751, 40.5008,
15.2039


 39.1751, 40.5008,
15.2039


333.8287,
348.2299, 236.2802


 27.0773, 27.9292,
8.8144


 73.1981, 75.9255,
35.9578


 17.7682, 18.2723,
4.5252


 95.8540, 99.5474,
51.1594

 10.8824, 11.1457,
1.9176


 122.7600,
127.6216, 70.1353

 6.0545, 6.1649,
0.5039

 154.2814,
160.5324, 93.3042

 2.9192, 2.9456,
0.0000

190.7837,
198.6642, 121.0846

 1.1112, 1.1034,
0.0000

232.6321,

 0.0344, 0.0000,

242.4015, 153.8950

0.0000

280.1920,
292.1286, 192.1541

■ 0.0000, 0.0000,
0.0000

■ 39.1751, 40.5008,
15.2039

■ 39.1751, 40.5008,
15.2039

■ 37.4133, 38.1387,
11.0365

■ 41.2122, 43.0521,
20.5782

■ 35.9046, 35.9512,
7.9751

■ 43.5388, 45.7946,
27.2445

■ 34.6277, 33.9304,
5.9062

■ 46.1716, 48.7374,
35.2830

■ 33.5555, 32.0645,
4.6905

■ 49.1250, 51.8872,
44.7667

■ 33.0953, 31.2265,
4.2830

■ 52.4123, 55.2503,
55.7632

■ 56.0462, 58.8326,
68.3361

■ 60.0384, 62.6397,
82.5452

■ 64.4004, 66.6771,
98.4471

■ 66.9606, 70.0770,
104.6047

Harmonies

Analogous

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



46.4777, 40.5008, 18.4967



39.1751, 40.5008, 15.2039



32.5183, 40.5008, 17.4325

Triad

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



39.1751, 40.5008, 15.2039



27.4651, 40.5008, 64.7713



51.3174, 40.5008, 69.2038

Complementary

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



39.1751, 40.5008, 15.2039



21.2658, 19.9215, 56.7571

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.



45.1620, 40.5008, 89.4981



39.1751, 40.5008, 15.2039



31.4827, 40.5008, 86.4289

Square

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



39.1751, 40.5008, 15.2039



26.2762, 40.5008, 42.1897



37.8224, 40.5008, 96.6157



54.0127, 40.5008, 46.0640

Rectangle

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



39.1751, 40.5008, 15.2039



29.2202, 40.5008, 22.3019



37.8224, 40.5008, 96.6157



49.5496, 40.5008, 76.8285

Sweetspot

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



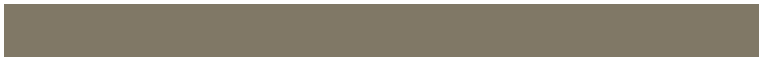
39.1761, 40.5027, 15.2047



84.9482, 89.7331, 74.8991



30.6386, 20.6924, 20.7921



17.9518, 18.9627, 15.2844



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.



39.1761, 40.5027, 15.2047



65.0307, 66.1086, 18.2854



40.3582, 50.9152, 17.1522



11.2533, 11.8757, 11.2619



21.3596, 20.2364, 2.7802



1.0716, 1.0785, 0.1517

Inverse Universe

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



21.2658, 19.9215, 56.7571



30.7079, 26.7425, 98.1511



20.4371, 14.6483, 55.7829



10.3039, 10.7818, 13.4555



7.6642, 4.7223, 35.2519



0.4266, 0.3510, 1.6904

Previews

White Background



This preview shows how the XYZ color 39.1751, 40.5008, 15.2039 looks on a white background.

Color Contrast Check

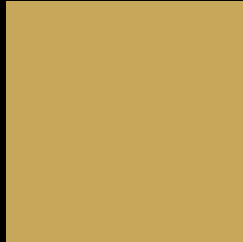
Large Text (above 18pt) WCAG AA × Fail

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 39.1751, 40.5008, 15.2039 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 39.1751, 40.5008, 15.2039

Background



This preview shows how black text looks on a background with the XYZ color 39.1751, 40.5008, 15.2039.



This preview shows how white text looks on a background with the XYZ color 39.1751, 40.5008,

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

39.1751, 40.5008, 15.2039

Protanopia

37.1474, 40.5554, 15.5430

Deuteranopia

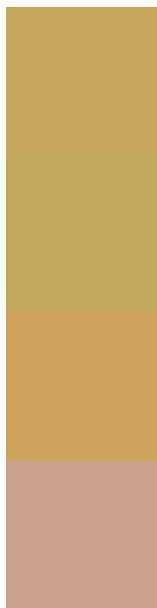
41.2372, 40.4879, 15.3144



Tritanopia

44.9362, 40.4778, 43.4748

Trichromacy



Original Color

39.1751, 40.5008, 15.2039

Protanomaly

37.9584, 40.6941, 15.5270

Deuteranomaly

40.2978, 40.2682, 15.3215

Tritanomaly

42.1812, 40.1093, 30.7180

Monochromacy



Original Color

39.1751, 40.5008, 15.2039

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2532, 39.4530, 30.0778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1751, 40.5008, 15.2039 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, 167, 89)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 89)  
}
```

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, 167, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 89) }
```

Border

The CSS property to change the border of an element to XYZ 39.1751, 40.5008, 15.2039 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, 167, 89) }
```


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

```
.border{ border-color:rgb(199, 167, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 89);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1751, 40.5008, 15.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 89) }
```

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

```
.background{ background-color: rgb(199,  
167, 89) }
```

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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