

Converting Colors

XYZ(40.0383, 42.6284, 19.3486)

Have a look what the booklet for
XYZ(40.0383, 42.6284, 19.3486)
contains.

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Color

**XYZ(39.9990, 42.5092,
19.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AD69
RGB	195, 173, 105
RGB Percent	76%, 68%, 41%
CMY	0.2353, 0.3215, 0.5882
CMYK	0.00, 0.11, 0.46, 0.24
HSL	45°, 43%, 59%
HSV	45°, 46%, 76%
XYZ	39.9990, 42.5092, 19.4615
YIQ	171.8260, 34.9400, -16.4840

Conversions

Conversions Part 2

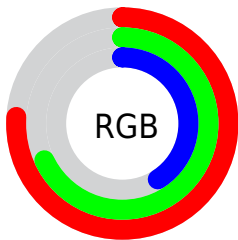
Format	Color
RYB	134, 195, 105
Decimal	12823913
CIELab	71.22, -1.26, 37.72
CIELCh	71, 37.742, 91.912
Yxy	42.5092, 0.3923, 0.4169
Android (android.graphics.Color)	4291013993 (0xFFC3AD69)
YUV	171.8260, -32.9452, 20.3236
Hunter-Lab	65.1991, -4.5904, 27.9417

Details

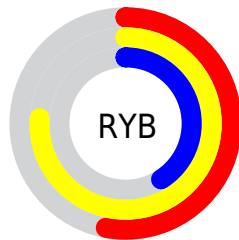
The XYZ color **39.9990, 42.5092, 19.4615** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.2650, 22.1212, 54.6731**, and the grayscale version is **39.2745, 41.3199, 44.9973**.

A 20% lighter version of the original color is **74.3372, 78.8038, 43.1909**, and **18.1986, 19.4492, 6.5363** is the 20% darker color. If you saturate the color by 10%, you get **38.2122, 40.3598, 14.4755**, and if you desaturate by 10%, it is **42.0503, 44.8197, 25.6704**.

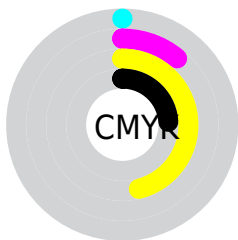
Distribution



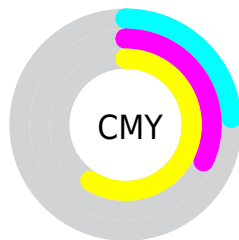
- Red (76%)
- Green (68%)
- Blue (41%)



- Red (53%)
- Yellow (76%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (46%)
- Black (24%)



- Cyan (24%)
- Magenta (32%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9990, 42.5092, 19.4615 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 39.9990, 42.5092, 19.4615 by changing the saturation by 10% instead.

■ 39.9990, 42.5092,
19.4615

■ 39.9990, 42.5092,
19.4615

337.2538,
356.5894, 261.4919

■ 27.7220, 29.5002,
11.8240

■ 74.4463, 78.9697,
43.3595

■ 18.2556, 19.4595,
6.5029

■ 97.3474, 103.1900,
60.4572

■ 11.2344, 12.0028,
3.0795

■ 124.5204,
131.9162, 81.5453

■ 6.2932, 6.7456,
1.1354

■ 156.3309,
165.5327, 107.0424

■ 3.0665, 3.3035,
0.0000

193.1441,
204.4239, 137.3671

■ 1.1890, 1.2922,
0.0000

235.3254,

■ 0.0977, 0.1351,

248.9741, 172.9379

0.0000

283.2402,
299.5679, 214.1733

■ 0.0000, 0.0000,
0.0000

■ 39.9990, 42.5092,
19.4615

■ 39.9990, 42.5092,
19.4615

■ 38.2122, 40.3598,
14.4755

■ 42.0503, 44.8197,
25.6704

■ 36.6705, 38.3586,
10.6258

■ 44.3777, 47.2917,
33.1755

■ 35.3568, 36.4995,
7.8186

■ 46.9959, 49.9333,
42.0476

■ 34.2496, 34.7737,
5.9439

■ 49.9174, 52.7499,
52.3515

■ 33.3222, 33.1697,
4.8615

■ 53.1540, 55.7468,
64.1477

■ 32.9929, 32.5767,
4.5490

■ 56.7170, 58.9289,
77.4935

■ 60.6168, 62.3010,
92.4429

■ 63.8820, 65.4749,
103.8787

■ 65.0845, 67.8799,
104.2796

Harmonies

Analogous

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



46.4079, 42.5092, 21.8453



39.9990, 42.5092, 19.4615



34.3066, 42.5092, 22.5579

Triad

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



39.9990, 42.5092, 19.4615



30.9297, 42.5092, 67.2595



52.1178, 42.5092, 64.7082

Complementary

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



39.9990, 42.5092, 19.4615



23.2650, 22.1212, 54.6731

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.



47.1836, 42.5092, 82.6171



39.9990, 42.5092, 19.4615



34.9411, 42.5092, 84.3402

Square

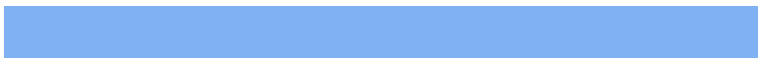
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.9990, 42.5092, 19.4615



29.4216, 42.5092, 47.4580



40.8112, 42.5092, 90.5821



53.8263, 42.5092, 45.1320

Rectangle

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



39.9990, 42.5092, 19.4615



31.5632, 42.5092, 27.9444



40.8112, 42.5092, 90.5821



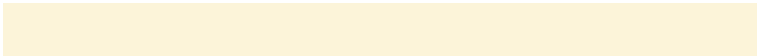
50.7577, 42.5092, 71.2825

Sweetspot

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



40.0000, 42.5112, 19.4624



85.1407, 90.3836, 78.6770



31.4208, 23.2510, 23.0822



18.4040, 19.5564, 16.3928



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.



40.0000, 42.5112, 19.4624



68.5286, 72.3972, 26.1634



39.1881, 48.8773, 20.7339



10.6982, 11.3278, 10.6845



21.5123, 21.3103, 2.9795



0.9807, 1.0232, 0.1458

Inverse Universe

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



23.2650, 22.1212, 54.6731



35.0470, 31.6418, 96.7301



23.7293, 18.5943, 53.9678



9.7238, 10.1389, 12.7293



7.1363, 4.0291, 33.9582



0.3646, 0.2865, 1.4860

Previews

White Background



This preview shows how the XYZ color 39.9990, 42.5092, 19.4615 looks on a white background.

Color Contrast Check

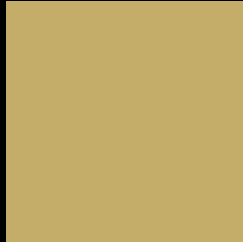
Large Text (above 18pt) WCAG AA × Fail

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 39.9990, 42.5092, 19.4615 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 39.9990, 42.5092, 19.4615

Background



This preview shows how black text looks on a background with the XYZ color 39.9990, 42.5092, 19.4615.

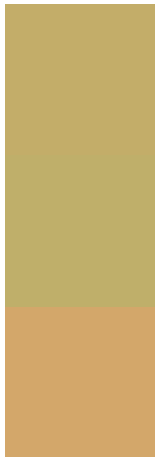


This preview shows how white text looks on a background with the XYZ color 39.9990, 42.5092,

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

39.9990, 42.5092, 19.4615

Protanopia

39.4173, 42.7769, 19.8149

Deuteranopia

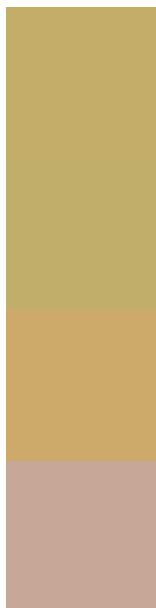
43.2842, 42.5269, 19.5629



Tritanopia

45.5684, 42.2818, 47.3545

Trichromacy



Original Color

39.9990, 42.5092, 19.4615

Protanomaly

39.4758, 42.5192, 19.7621

Deuteranomaly

41.9663, 42.3957, 19.6070

Tritanomaly

42.9578, 42.0139, 35.1235

Monochromacy



Original Color

39.9990, 42.5092, 19.4615

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9202, 41.3465, 33.9463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9990, 42.5092, 19.4615 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(195, 173, 105)` looks like.

```
.text, #text, p{  
    color:rgb(195, 173, 105)  
}
```

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(195, 173, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 173, 105) }
```

Border

The CSS property to change the border of an element to XYZ 39.9990, 42.5092, 19.4615 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(195, 173, 105) }
```


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

```
.border{ border-color:rgb(195, 173, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 173, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 173, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 173, 105);  
box-shadow:4px 4px 4px 4px rgb(195, 173,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9990, 42.5092, 19.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 173, 105) }
```

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

```
.background{ background-color: rgb(195,  
173, 105) }
```

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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