

Converting Colors

XYZ(39.0043, 42.4793, 10.5585)

Have a look what the booklet for
XYZ(39.0043, 42.4793, 10.5585)
contains.

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Color

**XYZ(39.0043, 42.4793,
10.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AE3D
RGB	197, 174, 61
RGB Percent	77%, 68%, 24%
CMY	0.2275, 0.3176, 0.7608
CMYK	0.00, 0.12, 0.69, 0.23
HSL	50°, 54%, 51%
HSV	50°, 69%, 77%
XYZ	39.0043, 42.4793, 10.5585
YIQ	167.9950, 49.9810, -30.2670

Conversions

Conversions Part 2

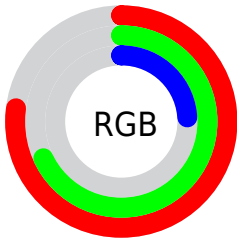
Format	Color
RYB	89, 197, 61
Decimal	12955197
CIELab	71.20, -4.30, 58.46
CIELCh	71, 58.618, 94.210
Yxy	42.4793, 0.4238, 0.4615
Android (android.graphics.Color)	4291145277 (0xFFC5AE3D)
YUV	167.9950, -52.7485, 25.4374
Hunter-Lab	65.1761, -7.2359, 36.0184

Details

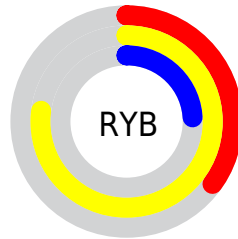
The XYZ color **39.0043, 42.4793, 10.5585** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **15.1729, 11.3638, 54.2167**, and the grayscale version is **37.4517, 39.4021, 42.9089**.

A 20% lighter version of the original color is **72.3538, 78.5364, 27.5652**, and **17.7748, 19.4945, 2.8260** is the 20% darker color. If you saturate the color by 10%, you get **37.9328, 41.0354, 8.0471**, and if you desaturate by 10%, it is **40.2885, 44.0371, 14.1031**.

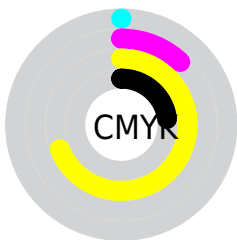
Distribution



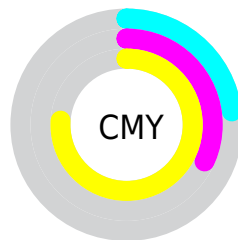
- Red (77%)
- Green (68%)
- Blue (24%)



- Red (35%)
- Yellow (77%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (69%)
- Black (23%)





- Cyan (23%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0043, 42.4793, 10.5585 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 39.0043, 42.4793, 10.5585 by changing the saturation by 10% instead.


 39.0043, 42.4793,
10.5585


 39.0043, 42.4793,
10.5585


333.1156,
356.4660, 205.2405


 26.9438, 29.4768,
5.6604


 72.9389, 78.9245,
27.4649

 17.6674, 19.4418,
2.5743


 95.5438, 103.1360,
40.3102


 10.8097, 11.9899,
0.8791


 122.3941,
131.8526, 56.6417

 6.0054, 6.7368,
0.0000

 153.8553,
165.4587, 76.8779

 2.8890, 3.2981,
0.0000

 190.2927,
204.3387, 101.4374

 1.0954, 1.2893,
0.0000

232.0716,

 0.0212, 0.1329,

248.8770, 130.7386

0.0000

279.5575,
299.4579, 165.2001

■ 0.0000, 0.0000,
0.0000

■ 39.0043, 42.4793,
10.5585

■ 39.0043, 42.4793,
10.5585

■ 37.9328, 41.0354,
8.0471

■ 40.2885, 44.0371,
14.1031

■ 37.0486, 39.6901,
6.4475

■ 41.8019, 45.7107,
18.7792

■ 36.3140, 38.4298,
5.5584

■ 43.5623, 47.5089,
24.6765

■ 36.2460, 38.3106,
5.4843

■ 45.5851, 49.4382,
31.8751

■ 47.8843, 51.5043,
40.4481

■ 50.4728, 53.7125,
50.4632

■ 53.3627, 56.0679,
61.9838

■ 56.5655, 58.5752,
75.0693

■ 60.0919, 61.2389,
89.7760

Harmonies

Analogous

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



49.1643, 42.4793, 12.6403



39.0043, 42.4793, 10.5585



30.6586, 42.4793, 14.3878

Triad

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



39.0043, 42.4793, 10.5585



26.6815, 42.4793, 83.8246



59.8844, 42.4793, 74.0090

Complementary

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



39.0043, 42.4793, 10.5585



15.1729, 11.3638, 54.2167

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.



51.9545, 42.4793, 106.9693



39.0043, 42.4793, 10.5585



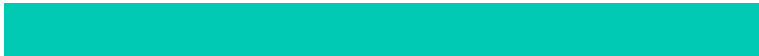
32.7016, 42.4793, 114.0666

Square

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



39.0043, 42.4793, 10.5585



24.3142, 42.4793, 50.3392



41.7781, 42.4793, 123.9065



62.2969, 42.4793, 42.3936

Rectangle

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



39.0043, 42.4793, 10.5585



26.9088, 42.4793, 21.2797



41.7781, 42.4793, 123.9065



57.7188, 42.4793, 85.6541

Sweetspot

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



39.0053, 42.4813, 10.5594



84.7749, 91.3768, 68.7057



26.3719, 15.8790, 10.4657



17.8943, 19.3344, 13.7648



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.



39.0053, 42.4813, 10.5594



67.0699, 72.2118, 12.7226



34.1224, 47.1328, 11.7145



11.3654, 12.1000, 11.2993



23.8940, 25.3052, 3.6250



1.1729, 1.2813, 0.1855

Inverse Universe

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



15.1729, 11.3638, 54.2167



21.8668, 13.3528, 96.0326



17.4639, 10.3163, 53.8938



10.1992, 10.5725, 13.4206



7.0345, 3.4629, 35.0420



0.3794, 0.2566, 1.6747

Previews

White Background



This preview shows how the XYZ color 39.0043, 42.4793, 10.5585 looks on a white background.

Color Contrast Check

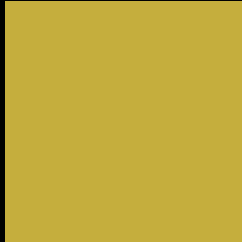
Large Text (above 18pt) WCAG AA × Fail

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 39.0043, 42.4793, 10.5585 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 39.0043, 42.4793, 10.5585

Background



This preview shows how black text looks on a background with the XYZ color 39.0043, 42.4793, 10.5585.



This preview shows how white text looks on a background with the XYZ color 39.0043, 42.4793,

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

39.0043, 42.4793, 10.5585

Protanopia

38.6780, 42.5990, 10.5988

Deuteranopia

43.4751, 42.5480, 10.7717



Tritanopia

46.2887, 42.4113, 46.3040

Trichromacy



Original Color

39.0043, 42.4793, 10.5585

Protanomaly

38.9372, 42.7326, 10.6109

Deuteranomaly

41.6635, 42.4365, 10.6978

Tritanomaly

42.7504, 42.0552, 28.4185

Monochromacy



Original Color

39.0043, 42.4793, 10.5585

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.9276, 39.9181, 26.5276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0043, 42.4793, 10.5585 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(197, 174, 61)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 61)  
}
```

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(197, 174, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 61) }
```

Border

The CSS property to change the border of an element to XYZ 39.0043, 42.4793, 10.5585 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(197, 174, 61) }
```


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

```
.border{ border-color:rgb(197, 174, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 61);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0043, 42.4793, 10.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 61) }
```

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

```
.background{ background-color: rgb(197,  
174, 61) }
```

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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