

Converting Colors

XYZ(43.1947, 52.3746, 9.6552)

Have a look what the booklet for
XYZ(43.1947, 52.3746, 9.6552)
contains.

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Color

**XYZ(43.2790, 52.5889,
9.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C726
RGB	195, 199, 38
RGB Percent	76%, 78%, 15%
CMY	0.2353, 0.2196, 0.8510
CMYK	0.02, 0.00, 0.81, 0.22
HSL	61°, 68%, 46%
HSV	61°, 81%, 78%
XYZ	43.2790, 52.5889, 9.7033
YIQ	179.4500, 49.2970, -50.9190

Conversions

Conversions Part 2

Format	Color
R_{YB}	38, 199, 42
Decimal	12830502
CIE _{Lab}	77.63, -18.92, 72.10
CIE _{LCh}	78, 74.541, 104.703
Yxy	52.5889, 0.4100, 0.4981
Android (android.graphics.Color)	4291020582 (0xFFC3C726)
YUV	179.4500, -69.7348, 13.6374
Hunter-Lab	72.5182, -20.3777, 42.8294

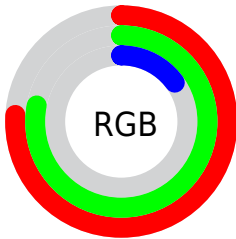
Details

The XYZ color **43.2790, 52.5889, 9.7033** is a dark color, and the websafe version is hex **CCCC33**.

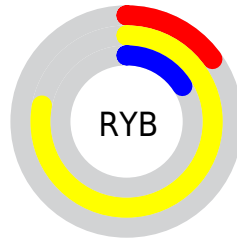
The color can be described as middle muted yellow. A complement of this color would be **11.9582, 6.0030, 54.5645**, and the grayscale version is **43.4322, 45.6941, 49.7609**.

A 20% lighter version of the original color is **79.2521, 93.6809, 25.7096**, and **20.4419, 25.5692, 3.8579** is the 20% darker color. If you saturate the color by 10%, you get **42.9126, 52.4295, 8.4350**, and if you desaturate by 10%, it is **43.8198, 52.8220, 11.8768**.

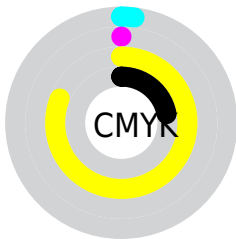
Distribution



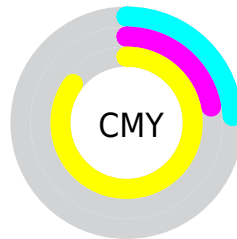
- Red (76%)
- Green (78%)
- Blue (15%)



- Red (15%)
- Yellow (78%)
- Blue (16%)



- Cyan (2%)
- Magenta (0%)
- Yellow (81%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2790, 52.5889, 9.7033 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 43.2790, 52.5889, 9.7033 by changing the saturation by 10% instead.

■ 43.2790, 52.5889,
9.7033

■ 43.2790, 52.5889,
9.7033

350.6600,
396.7059, 198.9484

■ 30.2996, 37.4747,
5.0997

■ 79.3848, 93.9992,
25.8350

■ 20.2153, 25.5752,
2.2461

■ 103.2419,
121.0640, 38.2000

■ 12.6608, 16.5061,
0.7008

■ 131.4555,
152.8812, 53.9894

■ 7.2708, 9.8830,
0.0000

■ 164.3911,
189.8351, 73.6215

■ 3.6798, 5.3215,
0.0000

■ 202.4140,
232.3101, 97.5149

■ 1.5227, 2.4371,
0.0000

■ 245.8895,

■ 0.3412, 0.8449,

280.6907, 126.0882

0.0000

295.1831,
335.3611, 159.7598

■ 0.0000, 0.0000,
0.0000

■ 43.2790, 52.5889,
9.7033

■ 43.2790, 52.5889,
9.7033

■ 42.9126, 52.4295,
8.4350

■ 43.8198, 52.8220,
11.8768

■ 42.6866, 52.3258,
7.8501

■ 44.5553, 53.1310,
15.0788

■ 45.5069, 53.5266,
19.4165

■ 46.6923, 54.0157,
24.9832

■ 48.1273, 54.6047,
31.8624

■ 49.8265, 55.2994,
40.1301

■ 51.8031, 56.1052,
49.8568

■ 54.0697, 57.0270,
61.1081

■ 56.6380, 58.0695,
73.9455

Harmonies

Analogous

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



57.6526, 52.5889, 9.7686



43.2790, 52.5889, 9.7033



32.9235, 52.5889, 17.3619

Triad

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



43.2790, 52.5889, 9.7033



32.7702, 52.5889, 133.1408



81.7407, 52.5889, 80.8387

Complementary

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



43.2790, 52.5889, 9.7033



11.9582, 6.0030, 54.5645

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.



72.1072, 52.5889, 134.1630



43.2790, 52.5889, 9.7033



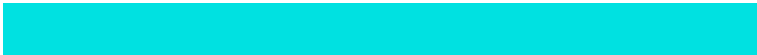
43.0278, 52.5889, 172.9037

Square

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



43.2790, 52.5889, 9.7033



27.6961, 52.5889, 79.8441



57.3484, 52.5889, 173.3483



81.8438, 52.5889, 39.3955

Rectangle

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



43.2790, 52.5889, 9.7033



28.8928, 52.5889, 29.6145



57.3484, 52.5889, 173.3483



79.4382, 52.5889, 98.2809

Sweetspot

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



43.2802, 52.5913, 9.7044



86.1572, 96.3784, 64.9832



24.6869, 13.8474, 3.2060



18.2120, 20.5352, 12.7943



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.



43.2802, 52.5913, 9.7044



74.8139, 91.6482, 13.9664



27.9536, 44.6902, 8.9871



11.4968, 12.4030, 11.3508



27.4585, 33.6507, 5.0480



1.3086, 1.5977, 0.2394

Inverse Universe

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



11.9582, 6.0030, 54.5645



18.3111, 7.4779, 95.0860



18.9145, 9.5891, 54.8901



10.0807, 10.2998, 13.3743



6.6796, 2.6777, 34.9092



0.3250, 0.1313, 1.6534

Previews

White Background



This preview shows how the XYZ color 43.2790, 52.5889, 9.7033 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 43.2790, 52.5889, 9.7033 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 43.2790, 52.5889, 9.7033

Background



This preview shows how black text looks on a background with the XYZ color 43.2790, 52.5889, 9.7033.



This preview shows how white text looks on a background with the XYZ color 43.2790, 52.5889,

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

43.2790, 52.5889, 9.7033

Protanopia

47.4870, 52.4256, 9.2854

Deuteranopia

53.5371, 52.3701, 10.0830



Tritanopia

53.7867, 52.2780, 61.8994

Trichromacy



Original Color

43.2790, 52.5889, 9.7033

Protanomaly

45.8615, 52.5737, 9.4808

Deuteranomaly

49.1783, 51.9956, 9.8270

Tritanomaly

47.8498, 51.4465, 32.6075

Monochromacy



Original Color

43.2790, 52.5889, 9.7033

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.4628, 46.9906, 27.3068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2790, 52.5889, 9.7033 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, 199, 38)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 38)  
}
```

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, 199, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 38) }
```

Border

The CSS property to change the border of an element to XYZ 43.2790, 52.5889, 9.7033 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, 199, 38) }
```


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

```
.border{ border-color:rgb(195, 199, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 38);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2790, 52.5889, 9.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 38) }
```

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

```
.background{ background-color: rgb(195,  
199, 38) }
```

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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