

Converting Colors

XYZ(43.9242, 52.9278, 7.9010)

Have a look what the booklet for
XYZ(43.9242, 52.9278, 7.9010)
contains.

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Color

**XYZ(43.9766, 52.9890,
7.9101)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C700
RGB	199, 199, 0
RGB Percent	78%, 78%, 0%
CMY	0.2196, 0.2196, 0.9999
CMYK	0.00, 0.00, 1.00, 0.22
HSL	60°, 100%, 39%
HSV	60°, 100%, 78%
XYZ	43.9766, 52.9890, 7.9101
YIQ	176.3140, 63.8790, -61.8890

Conversions

Conversions Part 2

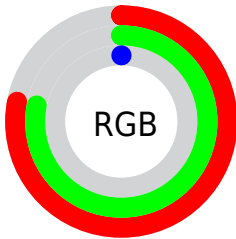
Format	Color
RYB	0, 199, 0
Decimal	13092608
CIELab	77.87, -17.88, 78.39
CIELCh	78, 80.404, 102.852
Yxy	52.9890, 0.4193, 0.5053
Android (android.graphics.Color)	4291282688 (0xFFC7C700)
YUV	176.3140, -86.9228, 19.8956
Hunter-Lab	72.7935, -19.5519, 44.5127

Details

The XYZ color **43.9766, 52.9890, 7.9101** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **10.3101, 4.1245, 54.2890**, and the grayscale version is **41.8502, 44.0296, 47.9483**.

A 20% lighter version of the original color is **78.6002, 93.4201, 22.2767**, and **20.9406, 25.8262, 3.8813** is the 20% darker color. If you saturate the color by 10%, you get **43.9777, 52.9914, 7.9105**, and if you desaturate by 10%, it is **44.1034, 53.0418, 8.5719**.

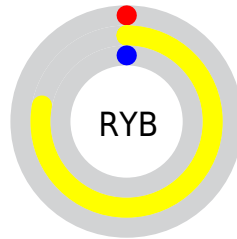
Distribution



Red (78%)

Green (78%)

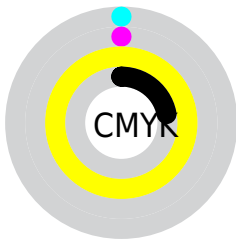
Blue (0%)



Red (0%)

Yellow (78%)

Blue (0%)

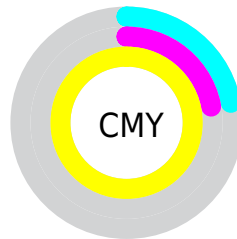


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9766, 52.9890, 7.9101 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 43.9766, 52.9890, 7.9101 by changing the saturation by 10% instead.


 43.9766, 52.9890,
7.9101


 43.9766, 52.9890,
7.9101


353.4666,
398.2429, 184.9334


 30.8499, 37.7940,
3.9505


 80.4291, 94.5882,
22.3253

 20.6359, 25.8228,
1.5982


 104.4856,
121.7611, 33.6179


 12.9690, 16.6912,
0.2896


 132.9162,
153.6955, 48.1921

 7.4841, 10.0145,
0.0000

 166.0861,
190.7758, 66.4662

 3.8156, 5.4086,
0.0000

 204.3608,
233.3862, 88.8588

 1.5984, 2.4889,
0.0000

 248.1055,

 0.3914, 0.8711,

281.9113, 115.7886

0.0000

297.6857,
336.7354, 147.6739

■ 0.0000, 0.0000,
0.0000

■ 43.9766, 52.9890,
7.9101

■ 43.9766, 52.9890,
7.9101

■ 43.9777, 52.9914,
7.9105

■ 44.1034, 53.0418,
8.5719

■ 44.3580, 53.1436,
9.9117

■ 44.7866, 53.3150,
12.1673

■ 45.4125, 53.5655,
15.4628

■ 46.2559, 53.9028,
19.9031

■ 47.3342, 54.3342,
25.5803

■ 48.6631, 54.8657,
32.5771

■ 50.2569, 55.5033,
40.9691

■ 52.1289, 56.2521,
50.8263

Harmonies

Analogous

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



59.7461, 52.9890, 8.3620



43.9766, 52.9890, 7.9101



32.5793, 52.9890, 14.8277

Triad

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



43.9766, 52.9890, 7.9101



31.4034, 52.9890, 138.1654



84.8484, 52.9890, 86.9450

Complementary

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



43.9766, 52.9890, 7.9101



10.3101, 4.1245, 54.2890

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.



73.6694, 52.9890, 146.4857



43.9766, 52.9890, 7.9101



42.0202, 52.9890, 185.0448

Square

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



43.9766, 52.9890, 7.9101



26.3962, 52.9890, 79.0149



57.3427, 52.9890, 188.6969



85.6758, 52.9890, 40.6045

Rectangle

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



43.9766, 52.9890, 7.9101



28.0927, 52.9890, 26.6814



57.3427, 52.9890, 188.6969



82.0853, 52.9890, 106.4998

Sweetspot

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



43.9778, 52.9915, 7.9112



85.0853, 96.0140, 56.4313



23.5551, 12.1434, 1.1031



17.9888, 20.4617, 10.9045



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.



43.9778, 52.9915, 7.9112



76.9969, 92.7784, 13.8499



25.6268, 43.5312, 7.0524



11.5239, 12.4170, 11.3521



28.2769, 34.0726, 5.0863



1.3389, 1.6133, 0.2408

Inverse Universe

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



10.3101, 4.1245, 54.2890



18.0501, 7.2201, 95.0500



15.5117, 6.8060, 54.5324



10.0567, 10.2875, 13.3731



6.6289, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 43.9766, 52.9890, 7.9101 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 43.9766, 52.9890, 7.9101 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 43.9766, 52.9890, 7.9101

Background



This preview shows how black text looks on a background with the XYZ color 43.9766, 52.9890, 7.9101.

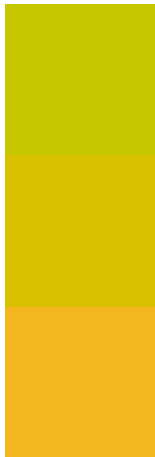


This preview shows how white text looks on a background with the XYZ color 43.9766, 52.9890,

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

43.9766, 52.9890, 7.9101

Protanopia

47.6852, 52.8916, 7.6958

Deuteranopia

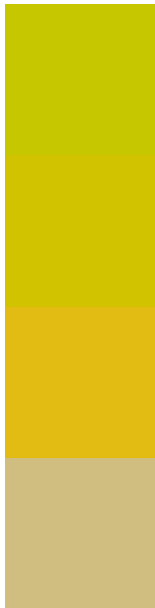
53.9244, 52.6043, 8.5398



Tritanopia

54.8091, 52.8185, 61.3391

Trichromacy



Original Color

43.9766, 52.9890, 7.9101

Protanomaly

46.0934, 52.7319, 7.7489

Deuteranomaly

49.7793, 52.3444, 8.0959

Tritanomaly

47.9763, 51.6246, 27.5146

Monochromacy



Original Color

43.9766, 52.9890, 7.9101

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.8323, 45.6412, 22.0395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9766, 52.9890, 7.9101 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, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 0)  
}
```

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, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.9766, 52.9890, 7.9101 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, 199, 0) }
```


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

```
.border{ border-color:rgb(199, 199, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9766, 52.9890, 7.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 0) }
```

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

```
.background{ background-color: rgb(199,  
199, 0) }
```

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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