

Converting Colors

XYZ(43.1777, 41.9353, 7.3869)

Have a look what the booklet for
XYZ(43.1777, 41.9353, 7.3869)
contains.

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Color

**XYZ(43.0940, 41.8879,
7.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA423
RGB	220, 164, 35
RGB Percent	86%, 64%, 14%
CMY	0.1373, 0.3568, 0.8627
CMYK	0.00, 0.25, 0.84, 0.14
HSL	42°, 73%, 50%
HSV	42°, 84%, 86%
XYZ	43.0940, 41.8879, 7.4040
YIQ	166.0380, 74.7850, -28.2470

Conversions

Conversions Part 2

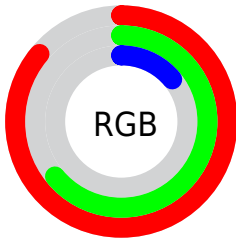
Format	Color
RYB	115, 220, 35
Decimal	14459939
CIELab	70.79, 10.01, 68.01
CIELCh	71, 68.743, 81.630
Yxy	41.8879, 0.4665, 0.4534
Android (android.graphics.Color)	4292650019 (0xFFDCA423)
YUV	166.0380, -64.6017, 47.3247
Hunter-Lab	64.7209, 5.5917, 38.5219

Details

The XYZ color **43.0940, 41.8879, 7.4040** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **17.3525, 13.0067, 69.3055**, and the grayscale version is **36.5424, 38.4455, 41.8671**.

A 20% lighter version of the original color is **68.5473, 72.7133, 20.7782**, and **20.4023, 19.2838, 2.6468** is the 20% darker color. If you saturate the color by 10%, you get **41.7034, 39.4762, 5.8026**, and if you desaturate by 10%, it is **44.7533, 44.5104, 10.1043**.

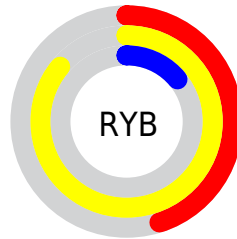
Distribution



Red (86%)

Green (64%)

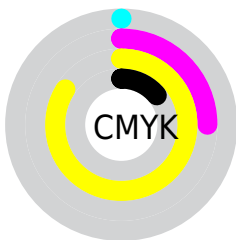
Blue (14%)



Red (45%)

Yellow (86%)

Blue (14%)

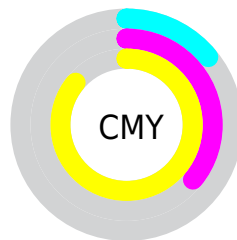


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (14%)



Cyan (14%)


Magenta (36%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0940, 41.8879, 7.4040 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 43.0940, 41.8879, 7.4040 by changing the saturation by 10% instead.


 43.0940, 41.8879,
7.4040


 43.0940, 41.8879,
7.4040


349.9132,
354.0180, 180.7360

 30.1537, 29.0135,
3.6338


 79.1075, 78.0299,
21.3080


 20.1039, 19.0911,
1.4267


 102.9115,
102.0664, 32.2789


 12.5793, 11.7361,
0.1624


 131.0673,
130.5923, 46.4870

 7.2145, 6.5642,
0.0000

 163.9405,
163.9921, 64.3510

 3.6441, 3.1911,
0.0000

 201.8963,
202.6502, 86.2893

 1.5028, 1.2323,
0.0000

 245.3001,

 0.3278, 0.0879,

246.9510, 112.7206

0.0000

294.5173,
297.2788, 144.0633

■ 0.0000, 0.0000,
0.0000

■ 43.0940, 41.8879,
7.4040

■ 43.0940, 41.8879,
7.4040

■ 41.7034, 39.4762,
5.8026

■ 44.7533, 44.5104,
10.1043

■ 40.9735, 38.1326,
5.2008

■ 46.7126, 47.3525,
14.0762

■ 49.0011, 50.4290,
19.4645

■ 51.6431, 53.7511,
26.3939

■ 54.6607, 57.3291,
34.9750

■ 58.0737, 61.1721,
45.3085

■ 61.9003, 65.2888,
57.4867

■ 66.1578, 69.6875,
71.5956

■ 70.8620, 74.3758,
87.7158

Harmonies

Analogous

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



55.0495, 41.8879, 11.9469



43.0940, 41.8879, 7.4040



32.2587, 41.8879, 8.5792

Triad

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



43.0940, 41.8879, 7.4040



22.6979, 41.8879, 72.9232



59.6183, 41.8879, 96.8080

Complementary

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



43.0940, 41.8879, 7.4040



17.3525, 13.0067, 69.3055

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.



48.4637, 41.8879, 132.5402



43.0940, 41.8879, 7.4040



27.6847, 41.8879, 114.7682

Square

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



43.0940, 41.8879, 7.4040



21.8079, 41.8879, 37.0578



36.7033, 41.8879, 140.3386



65.7132, 41.8879, 55.3833

Rectangle

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



43.0940, 41.8879, 7.4040



26.9405, 41.8879, 12.9131



36.7033, 41.8879, 140.3386



56.2454, 41.8879, 110.5673

Sweetspot

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



43.0949, 41.8900, 7.4048



80.5819, 84.8534, 61.5658



32.1180, 17.2187, 12.1235



16.8772, 17.7489, 12.0427



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.



43.0949, 41.8900, 7.4048



57.1241, 53.0282, 7.2247



46.1665, 61.7569, 11.0776



13.8123, 14.5639, 13.8087



24.1493, 22.5842, 3.0864



1.6389, 1.6119, 0.2248

Inverse Universe

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



17.3525, 13.0067, 69.3055



20.7167, 12.5533, 95.9389



15.9680, 7.6320, 68.3411



12.6584, 13.2566, 16.5437



8.8313, 5.5321, 40.3407



0.6468, 0.5077, 2.6383

Previews

White Background



This preview shows how the XYZ color 43.0940, 41.8879, 7.4040 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 43.0940, 41.8879, 7.4040 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 43.0940, 41.8879, 7.4040

Background



This preview shows how black text looks on a background with the XYZ color 43.0940, 41.8879, 7.4040.



This preview shows how white text looks on a background with the XYZ color 43.0940, 41.8879,

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

43.0940, 41.8879, 7.4040

Protanopia

37.9916, 42.0141, 7.9409

Deuteranopia

42.9719, 42.0917, 7.4498



Tritanopia

50.0870, 41.9568, 40.5806

Trichromacy



Original Color

43.0940, 41.8879, 7.4040

Protanomaly

39.6105, 41.7204, 7.7154

Deuteranomaly

42.9719, 42.0917, 7.4498

Tritanomaly

46.3192, 41.4058, 22.3805

Monochromacy



Original Color

43.0940, 41.8879, 7.4040

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9748, 38.6574, 22.6524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0940, 41.8879, 7.4040 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(220, 164, 35)` looks like.

```
.text, #text, p{  
    color:rgb(220, 164, 35)  
}
```

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(220, 164, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 164, 35) }
```

Border

The CSS property to change the border of an element to XYZ 43.0940, 41.8879, 7.4040 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(220, 164, 35) }
```


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

```
.border{ border-color:rgb(220, 164, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 164, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 164, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 164, 35);  
box-shadow:4px 4px 4px 4px rgb(220, 164,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0940, 41.8879, 7.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 164, 35) }
```

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

```
.background{ background-color: rgb(220,  
164, 35) }
```

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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