

Converting Colors

XYZ(41.7560, 49.1470, 7.2857)

Have a look what the booklet for
XYZ(41.7560, 49.1470, 7.2857)
contains.

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Color

**XYZ(41.6568, 49.1319,
7.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BF00
RGB	197, 191, 0
RGB Percent	77%, 75%, 0%
CMY	0.2275, 0.2510, 0.9999
CMYK	0.00, 0.03, 1.00, 0.23
HSL	58°, 100%, 39%
HSV	58°, 100%, 77%
XYZ	41.6568, 49.1319, 7.2879
YIQ	171.0200, 64.8870, -58.1290

Conversions

Conversions Part 2

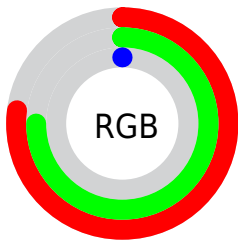
Format	Color
RYB	6, 197, 0
Decimal	12959488
CIELab	75.53, -14.74, 76.61
CIELCh	76, 78.018, 100.892
Yxy	49.1319, 0.4247, 0.5010
Android (android.graphics.Color)	4291149568 (0xFFC5BF00)
YUV	171.0200, -84.3129, 22.7845
Hunter-Lab	70.0942, -16.5826, 42.9013

Details

The XYZ color **41.6568, 49.1319, 7.2879** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **10.1436, 4.1620, 53.0917**, and the grayscale version is **39.1088, 41.1455, 44.8074**.

A 20% lighter version of the original color is **76.0238, 88.3907, 21.0369**, and **19.7359, 23.6659, 3.5278** is the 20% darker color. If you saturate the color by 10%, you get **41.6576, 49.1339, 7.2882**, and if you desaturate by 10%, it is **41.9126, 49.4457, 7.9839**.

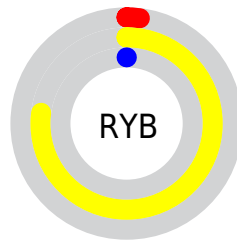
Distribution



Red (77%)

Green (75%)

Blue (0%)



Red (2%)

Yellow (77%)

Blue (0%)

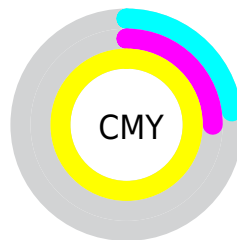


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6568, 49.1319, 7.2879 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 41.6568, 49.1319, 7.2879 by changing the saturation by 10% instead.

41.6568, 49.1319,
7.2879

41.6568, 49.1319,
7.2879

344.0741,
383.2613, 179.7556

29.0226, 34.7241,
3.5616

76.9484, 88.8873,
21.0727

19.2423, 23.4504,
1.3881

100.3364,
115.0038, 31.9684

11.9505, 14.9265,
0.1324

128.0398,
145.7919, 46.0909

6.7819, 8.7678,
0.0000

160.4239,
181.6360, 63.8589

3.3712, 4.5900,
0.0000

197.8540,
222.9207, 85.6908

1.3530, 2.0088,
0.0000

240.6955,

0.2223, 0.6126,

270.0302, 112.0052

0.0000

289.3138,
323.3489, 143.2206

■ 0.0000, 0.0000,
0.0000

■ 41.6568, 49.1319,
7.2879

■ 41.6568, 49.1319,
7.2879

■ 41.6576, 49.1339,
7.2882

■ 41.9126, 49.4457,
7.9839

■ 42.2936, 49.8086,
9.3413

■ 42.8450, 50.2405,
11.5936

■ 43.5899, 50.7507,
14.8617

■ 44.5476, 51.3468,
19.2480

■ 45.7352, 52.0357,
24.8423

■ 47.1680, 52.8237,
31.7252

■ 48.8600, 53.7161,
39.9706

■ 50.8242, 54.7183,
49.6465

Harmonies

Analogous

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



56.3665, 49.1319, 8.0949



41.6568, 49.1319, 7.2879



30.8094, 49.1319, 13.1419

Triad

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



41.6568, 49.1319, 7.2879



28.7311, 49.1319, 124.0562



78.0706, 49.1319, 83.8972

Complementary

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



41.6568, 49.1319, 7.2879



10.1436, 4.1620, 53.0917

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.



67.2826, 49.1319, 138.6773



41.6568, 49.1319, 7.2879



38.2043, 49.1319, 168.9356

Square

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



41.6568, 49.1319, 7.2879



24.4352, 49.1319, 69.9323



52.1312, 49.1319, 175.3473



79.5265, 49.1319, 39.8612

Rectangle

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



41.6568, 49.1319, 7.2879



26.4352, 49.1319, 23.4389



52.1312, 49.1319, 175.3473



75.3251, 49.1319, 102.1165

Sweetspot

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



41.6579, 49.1342, 7.2889



84.3480, 94.5381, 56.1852



23.0622, 11.8852, 1.2678



17.8089, 20.1018, 10.8445



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.



41.6579, 49.1342, 7.2889



74.5742, 87.9285, 13.0414



25.8010, 42.9402, 6.9291



11.4952, 12.3595, 11.3425



27.4120, 32.3412, 4.7977



1.3069, 1.5491, 0.2301

Inverse Universe

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



10.1436, 4.1620, 53.0917



18.1342, 7.3885, 95.0781



14.4864, 6.3042, 53.2763



10.0821, 10.3383, 13.3816



6.6827, 2.7593, 34.9247



0.3257, 0.1491, 1.6568

Previews

White Background



This preview shows how the XYZ color 41.6568, 49.1319, 7.2879 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 41.6568, 49.1319, 7.2879 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 41.6568, 49.1319, 7.2879

Background



This preview shows how black text looks on a background with the XYZ color 41.6568, 49.1319, 7.2879.



This preview shows how white text looks on a background with the XYZ color 41.6568, 49.1319,

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

41.6568, 49.1319, 7.2879

Protanopia

44.3487, 49.2423, 7.1673

Deuteranopia

49.9959, 48.7967, 7.8822



Tritanopia

51.6189, 49.1577, 56.0580

Trichromacy



Original Color

41.6568, 49.1319, 7.2879

Protanomaly

43.1601, 48.9456, 7.1727

Deuteranomaly

46.4518, 48.4636, 7.4784

Tritanomaly

45.6232, 48.2512, 25.3212

Monochromacy



Original Color

41.6568, 49.1319, 7.2879

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.5031, 42.6482, 20.7233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6568, 49.1319, 7.2879 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, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 191, 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(197, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 0) }
```

Border

The CSS property to change the border of an element to XYZ 41.6568, 49.1319, 7.2879 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, 191, 0) }
```


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

```
.border{ border-color:rgb(197, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 191,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6568, 49.1319, 7.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 0) }
```

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

```
.background{ background-color: rgb(197,  
191, 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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