

Converting Colors

XYZ(26.7548, 49.9310, 10.3952)

Have a look what the booklet for
XYZ(26.7548, 49.9310, 10.3952)
contains.

XYZ(26.7050, 49.7922, 10.3938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.7050, 49.7922,
10.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	3ED72A
RGB	62, 215, 42
RGB Percent	24%, 84%, 16%
CMY	0.7569, 0.1568, 0.8353
CMYK	0.71, 0.00, 0.80, 0.16
HSL	113°, 68%, 50%
HSV	113°, 80%, 84%
XYZ	26.7050, 49.7922, 10.3938
YIQ	149.5310, -35.6550, -86.2390

Conversions

Conversions Part 2

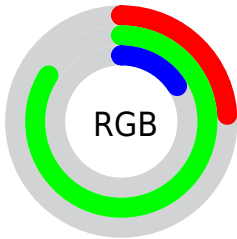
Format	Color
RYB	42, 215, 195
Decimal	4118314
CIELab	75.94, -68.82, 67.12
CIELCh	76, 96.126, 135.717
Yxy	49.7922, 0.3073, 0.5730
Android (android.graphics.Color)	4282308394 (0xFF3ED72A)
YUV	149.5310, -53.0128, -76.7647
Hunter-Lab	70.5636, -55.9324, 40.6613

Details

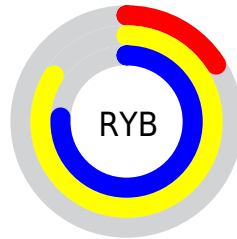
The XYZ color **26.7050, 49.7922, 10.3938** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **35.6030, 18.1665, 65.9227**, and the grayscale version is **29.0202, 30.5315, 33.2488**.

A 20% lighter version of the original color is **47.5183, 77.3046, 24.9872**, and **12.3981, 24.7963, 4.1327** is the 20% darker color. If you saturate the color by 10%, you get **25.4279, 49.1685, 8.8360**, and if you desaturate by 10%, it is **28.6077, 50.7175, 13.0591**.

Distribution



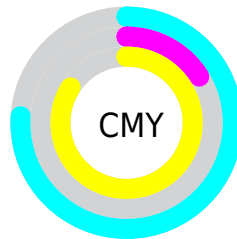
- Red (24%)
- Green (84%)
- Blue (16%)



- Red (16%)
- Yellow (84%)
- Blue (76%)



- Cyan (71%)
- Magenta (0%)
- Yellow (80%)
- Black (16%)



- Cyan (76%)
- Magenta (16%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7050, 49.7922, 10.3938 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 26.7050, 49.7922, 10.3938 by changing the saturation by 10% instead.

■ 26.7050, 49.7922,
10.3938

■ 26.7050, 49.7922,
10.3938

278.4196,
385.8528, 204.0459

■ 17.4872, 35.2483,
5.5518

■ 53.8334, 89.8669,
27.1529

■ 10.6799, 23.8542,
2.5102

■ 72.4747, 116.1665,
39.9071

■ 5.9177, 15.2255,
0.8456

■ 94.9879, 147.1535,
56.1359

■ 2.8353, 8.9778,
0.0000

■ 121.7383,
183.2123, 76.2576

■ 1.0673, 4.7267,
0.0000

■ 153.0913,
224.7272, 100.6910

■ 0.0000, 2.0878,
0.0000

■ 189.4123,

■ 0.0000, 0.6578,

272.0826, 129.8545

0.0000

231.0666,
325.6630, 164.1666

■ 0.0000, 0.0000,
0.0000

■ 26.7050, 49.7922,
10.3938

■ 26.7050, 49.7922,
10.3938

■ 25.4279, 49.1685,
8.8360

■ 28.6077, 50.7175,
13.0591


■ 24.6986, 48.8076,
8.1191

■ 31.2006, 51.9701,
16.9829


■ 34.5438, 53.5794,
22.2961


■ 38.6900, 55.5703,
29.1123

■ 43.6871, 57.9652,
37.5335

 49.5790, 60.7847,
47.6527

 56.4067, 64.0481,
59.5558

 64.2087, 67.7736,
73.3231

 73.0213, 71.9781,
89.0297

Harmonies

Analogous

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



38.5965, 49.7922, 3.9107



26.7050, 49.7922, 10.3938



21.1825, 49.7922, 33.3417

Triad

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



26.7050, 49.7922, 10.3938



39.3282, 49.7922, 216.9654



88.8192, 49.7922, 31.6462

Complementary

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



26.7050, 49.7922, 10.3938



35.6030, 18.1665, 65.9227

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.



89.1592, 49.7922, 82.3691



26.7050, 49.7922, 10.3938



57.2814, 49.7922, 215.3582

Square

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



26.7050, 49.7922, 10.3938



27.1235, 49.7922, 159.9121



76.5094, 49.7922, 156.3473



75.6726, 49.7922, 9.8239

Rectangle

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



26.7050, 49.7922, 10.3938



20.6642, 49.7922, 64.6462



76.5094, 49.7922, 156.3473



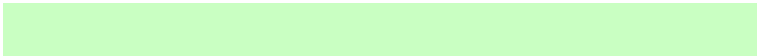
90.5286, 49.7922, 44.9714

Sweetspot

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



26.7062, 49.7943, 10.3949



69.5284, 87.8060, 64.2050



47.9186, 53.5650, 10.0047



14.2204, 18.4775, 12.6075



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.



26.7062, 49.7943, 10.3949



36.5377, 71.9161, 12.1751



27.9806, 50.1849, 22.4896



12.3944, 13.9640, 13.2028



14.8179, 29.2152, 4.8581



0.9394, 1.7856, 0.2952

Inverse Universe

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



35.6030, 18.1665, 65.9227



49.6270, 23.6218, 96.5516



34.2537, 18.2642, 30.0236



12.8052, 12.5565, 15.6863



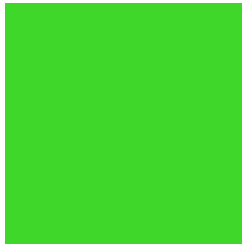
20.1184, 9.5239, 39.2311



1.2544, 0.5956, 2.3681

Previews

White Background



This preview shows how the XYZ color 26.7050, 49.7922, 10.3938 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 26.7050, 49.7922, 10.3938 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 26.7050, 49.7922, 10.3938

Background



This preview shows how black text looks on a background with the XYZ color 26.7050, 49.7922, 10.3938.



This preview shows how white text looks on a background with the XYZ color 26.7050, 49.7922,

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

26.7050, 49.7922, 10.3938

Protanopia

44.1421, 48.7886, 8.6040

Deuteranopia

49.6463, 48.5434, 11.1680



Tritanopia

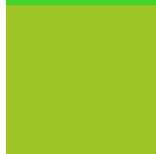
38.9928, 49.3306, 72.4324

Trichromacy



Original Color

26.7050, 49.7922, 10.3938



Protanomaly

34.0105, 47.1340, 9.0555



Deuteranomaly

35.6569, 45.6393, 10.4200



Tritanomaly

31.7975, 48.1362, 37.7523

Monochromacy



Original Color

26.7050, 49.7922, 10.3938



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

25.4765, 35.2714, 20.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7050, 49.7922, 10.3938 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(62, 215, 42)` looks like.

```
.text, #text, p{  
    color:rgb(62, 215, 42)  
}
```

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(62, 215, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 215, 42) }
```

Border

The CSS property to change the border of an element to XYZ 26.7050, 49.7922, 10.3938 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(62, 215, 42) }
```


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

```
.border{ border-color:rgb(62, 215, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 215, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 215, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 215, 42);  
box-shadow:4px 4px 4px 4px rgb(62, 215,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7050, 49.7922, 10.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 215, 42) }
```

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

```
.background{ background-color: rgb(62, 215,  
42) }
```

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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