

Converting Colors

XYZ(26.3940, 48.9324, 8.0538)

Have a look what the booklet for
XYZ(26.3940, 48.9324, 8.0538)
contains.

XYZ(26.3928, 48.9281, 8.0530)	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(26.3928, 48.9281,
8.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	47D500
RGB	71, 213, 0
RGB Percent	28%, 84%, 0%
CMY	0.7216, 0.1647, 0.9999
CMYK	0.67, 0.00, 1.00, 0.16
HSL	100°, 100%, 42%
HSV	100°, 100%, 84%
XYZ	26.3928, 48.9281, 8.0530
YIQ	146.2600, -16.2590, -96.3470

Conversions

Conversions Part 2

Format	Color
RYB	0, 213, 142
Decimal	4707584
CIELab	75.41, -67.79, 73.65
CIELCh	75, 100.098, 132.630
Yxy	48.9281, 0.3166, 0.5869
Android (android.graphics.Color)	4282897664 (0xFF47D500)
YUV	146.2600, -72.1062, -66.0030
Hunter-Lab	69.9486, -55.0590, 42.1381

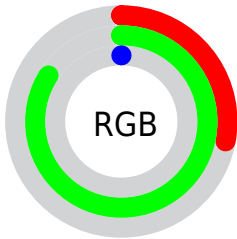
Details

The XYZ color **26.3928, 48.9281, 8.0530** 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 **23.1714, 10.5582, 63.7701**, and the grayscale version is **27.7225, 29.1663, 31.7621**.

A 20% lighter version of the original color is **47.8415, 77.5634, 20.8372**, and **12.0570, 24.1139, 4.0190** is the 20% darker color. If you saturate the color by 10%, you get **26.3926, 48.9295, 8.0533**, and if you desaturate by 10%, it is **27.6983, 49.5866, 8.8367**.

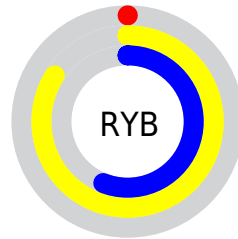
Distribution



Red (28%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (56%)

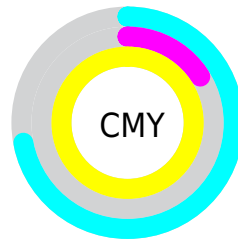


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (72%)


Magenta (16%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3928, 48.9281, 8.0530 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 26.3928, 48.9281, 8.0530 by changing the saturation by 10% instead.


 26.3928, 48.9281,
8.0530


 26.3928, 48.9281,
8.0530


276.9265,
382.4592, 186.0972


 17.2519, 34.5624,
4.0406


 53.3348, 88.5847,
22.6102

 10.5107, 23.3260,
1.6477


 71.8666, 114.6444,
33.9920

 5.8037, 14.8344,
0.3245


 94.2594, 145.3708,
48.6675

 2.7656, 8.7033,
0.0000

 120.8786,
181.1485, 67.0550

 1.0311, 4.5481,
0.0000

 152.0896,
222.3618, 89.5732

 0.0000, 1.9847,
0.0000

 188.2577,

 0.0000, 0.5985,

269.3951, 116.6407

0.0000

229.7482,
322.6328, 148.6758

■ 0.0000, 0.0000,
0.0000

■ 26.3928, 48.9281,
8.0530

■ 26.3928, 48.9281,
8.0530

■ 26.3926, 48.9295,
8.0533

■ 27.6983, 49.5866,
8.8367

■ 29.4143, 50.4377,
10.4348

■ 31.6069, 51.5109,
13.1163

■ 34.3173, 52.8243,
17.0291

■ 37.5814, 54.3938,
22.2982

■ 41.4317, 56.2336,
29.0332

■ 45.8977, 58.3569,
37.3324

■ 51.0068, 60.7757,
47.2856

■ 56.7848, 63.5016,
58.9760

Harmonies

Analogous

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



39.1770, 48.9281, 2.9284



26.3928, 48.9281, 8.0530



20.2158, 48.9281, 28.3525

Triad

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



26.3928, 48.9281, 8.0530



36.7054, 48.9281, 220.7516



90.3749, 48.9281, 34.0181

Complementary

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



26.3928, 48.9281, 8.0530



23.1714, 10.5582, 63.7701

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.



89.1986, 48.9281, 89.6888



26.3928, 48.9281, 8.0530



54.6935, 48.9281, 226.4045

Square

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



26.3928, 48.9281, 8.0530



24.9974, 48.9281, 155.8385



74.8776, 48.9281, 168.2978



77.7612, 48.9281, 9.8576

Rectangle

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



26.3928, 48.9281, 8.0530



19.3231, 48.9281, 58.0698



74.8776, 48.9281, 168.2978



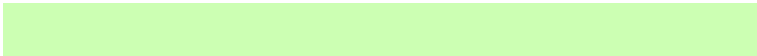
91.6585, 48.9281, 48.7505

Sweetspot

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



26.3939, 48.9302, 8.0541



68.7462, 87.5909, 55.6666



37.1165, 33.4961, 4.5099



14.0806, 18.4470, 10.7216



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.



26.3939, 48.9302, 8.0541



39.5043, 73.4503, 12.0952



24.1068, 47.7151, 9.5704



12.6485, 14.0950, 13.2147



16.2183, 29.9371, 4.9237



1.0648, 1.8503, 0.3010

Inverse Universe

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



23.1714, 10.5582, 63.7701



34.6323, 15.7685, 95.8260



35.4285, 17.3419, 43.3407



12.5323, 12.4158, 15.6735



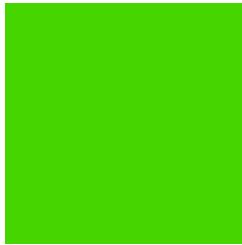
14.2647, 6.5062, 38.9572



0.9465, 0.4368, 2.3537

Previews

White Background



This preview shows how the XYZ color 26.3928, 48.9281, 8.0530 looks on a white background.

Color Contrast Check

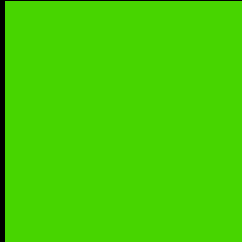
Large Text (above 18pt) WCAG AA × Fail

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 26.3928, 48.9281, 8.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

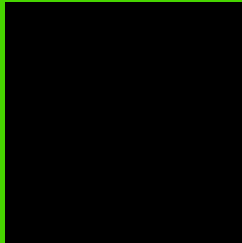
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3928, 48.9281, 8.0530

Background



This preview shows how black text looks on a background with the XYZ color 26.3928, 48.9281, 8.0530.



This preview shows how white text looks on a background with the XYZ color 26.3928, 48.9281,

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

26.3928, 48.9281, 8.0530

Protanopia

43.3614, 48.1078, 7.0003

Deuteranopia

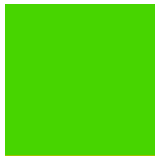
49.0823, 48.0052, 9.1616



Tritanopia

38.8872, 48.6227, 70.9539

Trichromacy



Original Color

26.3928, 48.9281, 8.0530



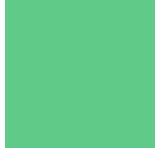
Protanomaly

33.6157, 46.2993, 7.1649



Deuteranomaly

35.6529, 45.3681, 8.0402



Tritanomaly

30.6237, 46.9762, 30.7458

Monochromacy



Original Color

26.3928, 48.9281, 8.0530



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

23.9583, 33.4617, 15.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3928, 48.9281, 8.0530 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(71, 213, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 213, 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(71, 213, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 213, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3928, 48.9281, 8.0530 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(71, 213, 0) }
```


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

```
.border{ border-color:rgb(71, 213, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 213, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 213, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 213, 0);  
box-shadow:4px 4px 4px 4px rgb(71, 213, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.3928, 48.9281, 8.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 213, 0) }
```

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

```
.background{ background-color: rgb(71, 213,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor