

Converting Colors

XYZ(26.0704, 48.3276, 10.2426)

Have a look what the booklet for
XYZ(26.0704, 48.3276, 10.2426)
contains.

XYZ(26.0939, 48.3514, 10.2430)	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(26.0939, 48.3514,
10.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	40D42B
RGB	64, 212, 43
RGB Percent	25%, 83%, 17%
CMY	0.7490, 0.1686, 0.8313
CMYK	0.70, 0.00, 0.80, 0.17
HSL	113°, 66%, 50%
HSV	113°, 80%, 83%
XYZ	26.0939, 48.3514, 10.2430
YIQ	148.4820, -33.9590, -83.9350

Conversions

Conversions Part 2

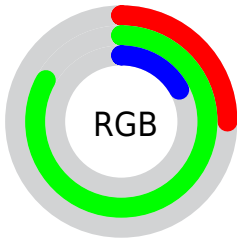
Format	Color
RYB	43, 212, 191
Decimal	4248619
CIELab	75.05, -67.47, 66.02
CIELCh	75, 94.397, 135.626
Yxy	48.3514, 0.3081, 0.5709
Android (android.graphics.Color)	4282438699 (0xFF40D42B)
YUV	148.4820, -52.0026, -74.0907
Hunter-Lab	69.5352, -54.7023, 39.9408

Details

The XYZ color **26.0939, 48.3514, 10.2430** 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 **34.2372, 17.5599, 63.8749**, and the grayscale version is **28.5723, 30.0603, 32.7356**.

A 20% lighter version of the original color is **47.7239, 77.4048, 25.2573**, and **11.8885, 23.7769, 3.9628** is the 20% darker color. If you saturate the color by 10%, you get **24.7888, 47.7139, 8.6526**, and if you desaturate by 10%, it is **28.0050, 49.2809, 12.9178**.

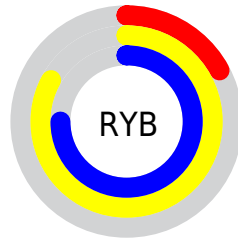
Distribution



Red (25%)

Green (83%)

Blue (17%)



Red (17%)

Yellow (83%)

Blue (75%)

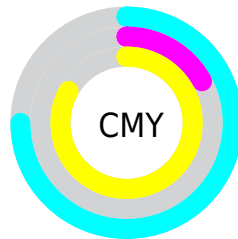


Cyan (70%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (75%)


Magenta (17%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0939, 48.3514, 10.2430 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 26.0939, 48.3514, 10.2430 by changing the saturation by 10% instead.


 26.0939, 48.3514,
10.2430


 26.0939, 48.3514,
10.2430


275.4910,
380.1833, 202.9451


 17.0270, 34.1053,
5.4527


 52.8566, 87.7274,
26.8665

 10.3491, 22.9745,
2.4519


 71.2831, 113.6260,
39.5367


 5.6951, 14.5747,
0.8145


 93.5601, 144.1775,
55.6707

 2.6995, 8.5214,
0.0000

 120.0530,
179.7664, 75.6869

 0.9969, 4.4304,
0.0000

 151.1272,
220.7771, 100.0039

 0.0000, 1.9171,
0.0000

 187.1481,

 0.0000, 0.5586,

267.5938, 129.0403

0.0000

228.4809,
320.6011, 163.2145

■ 0.0000, 0.0000,
0.0000

■ 26.0939, 48.3514,
10.2430

■ 26.0939, 48.3514,
10.2430

■ 24.7888, 47.7139,
8.6526

■ 28.0050, 49.2809,
12.9178

■ 23.9963, 47.3215,
7.8867

■ 30.5823, 50.5258,
16.8204

■ 23.9791, 47.3130,
7.8685

■ 33.8821, 52.1140,
22.0756

■ 37.9539, 54.0686,
28.7924

■ 42.8426, 56.4107,
37.0683

■ 48.5897, 59.1598,
46.9928

■ 55.2339, 62.3339,
58.6482

■ 62.8116, 65.9502,
72.1116

■ 71.3569, 70.0247,
87.4554

Harmonies

Analogous

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



37.5900, 48.3514, 3.9249



26.0939, 48.3514, 10.2430



20.7356, 48.3514, 32.4134

Triad

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



26.0939, 48.3514, 10.2430



38.2057, 48.3514, 208.6513



85.8635, 48.3514, 30.9836

Complementary

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



26.0939, 48.3514, 10.2430



34.2372, 17.5599, 63.8749

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.



86.1484, 48.3514, 79.9190



26.0939, 48.3514, 10.2430



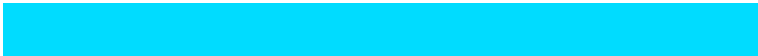
55.4807, 48.3514, 207.3085

Square

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



26.0939, 48.3514, 10.2430



26.4470, 48.3514, 153.8976



73.9706, 48.3514, 150.9158



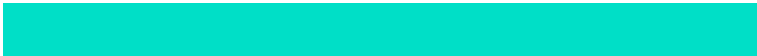
73.2688, 48.3514, 9.7580

Rectangle

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



26.0939, 48.3514, 10.2430



20.2232, 48.3514, 62.5176



73.9706, 48.3514, 150.9158



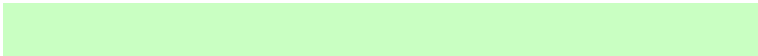
87.4907, 48.3514, 43.8733

Sweetspot

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



26.0950, 48.3534, 10.2441



69.6708, 87.8794, 64.2116



45.8878, 50.7704, 9.6674



14.2536, 18.4946, 12.6090



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.



26.0950, 48.3534, 10.2441



36.7148, 72.0057, 12.2563



27.0895, 48.6221, 21.3146



12.4043, 13.9691, 13.2032



14.8486, 29.2311, 4.8596



0.9441, 1.7881, 0.2954

Inverse Universe

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



34.2372, 17.5599, 63.8749



49.0850, 23.3835, 96.5341



33.5248, 17.9292, 30.5643



12.7942, 12.5508, 15.6857



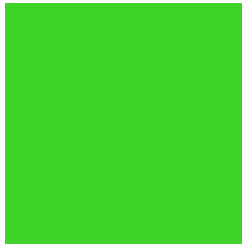
19.8457, 9.3833, 39.2183



1.2405, 0.5884, 2.3675

Previews

White Background



This preview shows how the XYZ color 26.0939, 48.3514, 10.2430 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 26.0939, 48.3514, 10.2430 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 26.0939, 48.3514, 10.2430

Background



This preview shows how black text looks on a background with the XYZ color 26.0939, 48.3514, 10.2430.



This preview shows how white text looks on a background with the XYZ color 26.0939, 48.3514,

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

26.0939, 48.3514, 10.2430

Protanopia

42.9125, 47.5302, 8.5816

Deuteranopia

48.2915, 47.2670, 10.9931



Tritanopia

37.9204, 47.8008, 70.1786

Trichromacy



Original Color

26.0939, 48.3514, 10.2430



Protanomaly

32.9844, 45.6001, 8.9827



Deuteranomaly

35.0113, 44.6678, 10.2665



Tritanomaly

31.0208, 46.6996, 36.6571

Monochromacy



Original Color

26.0939, 48.3514, 10.2430



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

24.7135, 34.0335, 20.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0939, 48.3514, 10.2430 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(64, 212, 43)` looks like.

```
.text, #text, p{  
    color:rgb(64, 212, 43)  
}
```

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(64, 212, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 212, 43) }
```

Border

The CSS property to change the border of an element to XYZ 26.0939, 48.3514, 10.2430 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(64, 212, 43) }
```


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

```
.border{ border-color:rgb(64, 212, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 212, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 212, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 212, 43);  
box-shadow:4px 4px 4px 4px rgb(64, 212,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0939, 48.3514, 10.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 212, 43) }
```

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

```
.background{ background-color: rgb(64, 212,  
43) }
```

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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