

Converting Colors

XYZ(26.0739, 49.0345, 13.5054)

Have a look what the booklet for
XYZ(26.0739, 49.0345, 13.5054)
contains.

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Color

**XYZ(26.0862, 49.0241,
13.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	2BD644
RGB	43, 214, 68
RGB Percent	17%, 84%, 27%
CMY	0.8314, 0.1608, 0.7333
CMYK	0.80, 0.00, 0.68, 0.16
HSL	129°, 68%, 50%
HSV	129°, 80%, 84%
XYZ	26.0862, 49.0241, 13.5566
YIQ	146.2270, -55.0500, -81.6580

Conversions

Conversions Part 2

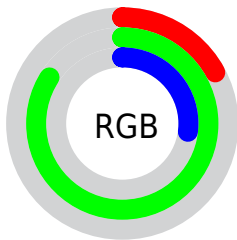
Format	Color
RYB	43, 192, 214
Decimal	2872900
CIELab	75.47, -69.32, 57.83
CIELCh	75, 90.275, 140.162
Yxy	49.0241, 0.2942, 0.5529
Android (android.graphics.Color)	4281062980 (0xFF2BD644)
YUV	146.2270, -38.5659, -90.5301
Hunter-Lab	70.0172, -56.0267, 37.5324

Details

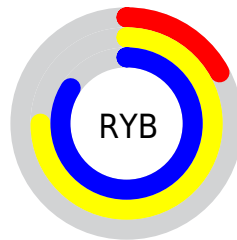
The XYZ color **26.0862, 49.0241, 13.5566** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **37.7818, 19.6986, 49.9544**, and the grayscale version is **27.5854, 29.0220, 31.6050**.

A 20% lighter version of the original color is **46.9429, 76.8720, 31.1025**, and **12.2269, 24.4537, 4.0756** is the 20% darker color. If you saturate the color by 10%, you get **24.9397, 48.4892, 11.0325**, and if you desaturate by 10%, it is **27.8789, 49.8749, 17.0200**.

Distribution



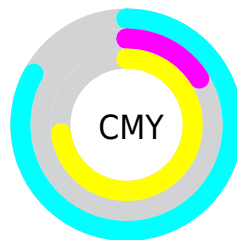
- Red (17%)
- Green (84%)
- Blue (27%)



- Red (17%)
- Yellow (75%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (68%)
- Black (16%)



- Cyan (83%)
- Magenta (16%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0862, 49.0241, 13.5566 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 26.0862, 49.0241, 13.5566 by changing the saturation by 10% instead.

■ 26.0862, 49.0241,
13.5566

■ 26.0862, 49.0241,
13.5566

275.4539,
382.8372, 225.7864

■ 17.0212, 34.6386,
7.6777

■ 52.8443, 88.7272,
33.0059

■ 10.3450, 23.3846,
3.8046

■ 71.2680, 114.8137,
47.4134

■ 5.6923, 14.8778,
1.5188

■ 93.5421, 145.5692,
65.5009

■ 2.6978, 8.7336,
0.2319

■ 120.0317,
181.3782, 87.6868

■ 0.9960, 4.5679,
0.0000

■ 151.1024,
222.6252, 114.3898

■ 0.0000, 1.9960,
0.0000

187.1194,

■ 0.0000, 0.6052,

269.6944, 146.0284

0.0000

228.4481,
322.9702, 183.0210

■ 0.0000, 0.0000,
0.0000

■ 26.0862, 49.0241,
13.5566

■ 26.0862, 49.0241,
13.5566

■ 24.9397, 48.4892,
11.0325

■ 27.8789, 49.8749,
17.0200

■ 24.3035, 48.1978,
9.3507

■ 30.3936, 51.0747,
21.4995

■ 24.2988, 48.1956,
9.3387

■ 33.6990, 52.6589,
27.0674

■ 37.8548, 54.6569,
33.7889

■ 42.9150, 57.0951,
41.7238

■ 48.9289, 59.9979,
50.9279

■ 55.9424, 63.3878,
61.4532

■ 63.9983, 67.2858,
73.3493

■ 73.1370, 71.7117,
86.6629

Harmonies

Analogous

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



36.4114, 49.0241, 5.2853



26.0862, 49.0241, 13.5566



21.6384, 49.0241, 39.1975

Triad

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



26.0862, 49.0241, 13.5566



41.3379, 49.0241, 204.2222



83.5643, 49.0241, 27.6072

Complementary

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



26.0862, 49.0241, 13.5566



37.7818, 19.6986, 49.9544

Split Complementary

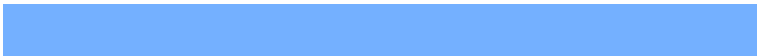
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7840, 49.0241, 70.6246



26.0862, 49.0241, 13.5566



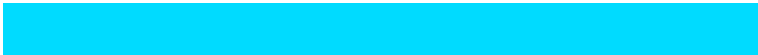
58.5218, 49.0241, 193.9564

Square

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



26.0862, 49.0241, 13.5566



28.9514, 49.0241, 159.2410



75.7483, 49.0241, 136.2734



70.2563, 49.0241, 9.3965

Rectangle

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



26.0862, 49.0241, 13.5566



21.6572, 49.0241, 71.2401



75.7483, 49.0241, 136.2734



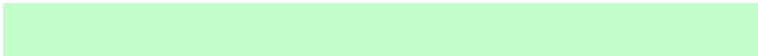
85.7369, 49.0241, 38.7844

Sweetspot

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



26.0874, 49.0261, 13.5577



68.7064, 87.2627, 69.5654



46.0207, 59.3723, 11.3200



14.0300, 18.3516, 13.8526



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.



26.0874, 49.0261, 13.5577



36.3807, 71.7830, 14.5224



30.6543, 50.8529, 37.6071



12.3357, 13.9253, 13.5821



14.7099, 29.1393, 5.7679



0.9114, 1.7672, 0.4751

Inverse Universe

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



37.7818, 19.6986, 49.9544



54.1638, 26.6067, 69.4397



31.1826, 17.0589, 15.2036



12.8713, 12.6000, 15.2626



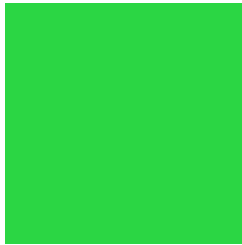
21.9399, 10.7123, 28.0514



1.3451, 0.6548, 1.8067

Previews

White Background



This preview shows how the XYZ color 26.0862, 49.0241, 13.5566 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 26.0862, 49.0241, 13.5566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

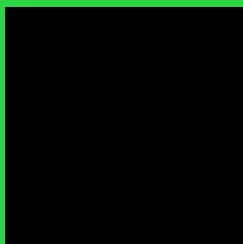
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0862, 49.0241, 13.5566

Background



This preview shows how black text looks on a background with the XYZ color 26.0862, 49.0241, 13.5566.

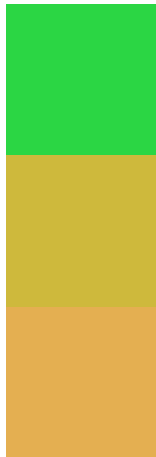


This preview shows how white text looks on a background with the XYZ color 26.0862, 49.0241,

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

26.0862, 49.0241, 13.5566

Protanopia

43.6182, 48.1460, 11.2691

Deuteranopia

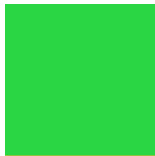
48.8101, 47.7480, 14.4283



Tritanopia

37.7683, 48.6993, 72.3751

Trichromacy



Original Color

26.0862, 49.0241, 13.5566



Protanomaly

32.6698, 46.0418, 11.8677



Deuteranomaly

34.2000, 44.4941, 13.6232



Tritanomaly

31.3334, 47.8078, 41.7588

Monochromacy



Original Color

26.0862, 49.0241, 13.5566



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

24.1396, 33.6850, 22.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0862, 49.0241, 13.5566 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(43, 214, 68)` looks like.

```
.text, #text, p{  
    color:rgb(43, 214, 68)  
}
```

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(43, 214, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 214, 68) }
```

Border

The CSS property to change the border of an element to XYZ 26.0862, 49.0241, 13.5566 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(43, 214, 68) }
```


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

```
.border{ border-color:rgb(43, 214, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 214, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 214, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 214, 68);  
box-shadow:4px 4px 4px 4px rgb(43, 214,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0862, 49.0241, 13.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 214, 68) }
```

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

```
.background{ background-color: rgb(43, 214,  
68) }
```

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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