

Converting Colors

XYZ(26.0204, 49.4290, 10.9120)

Have a look what the booklet for
XYZ(26.0204, 49.4290, 10.9120)
contains.

XYZ(26.0062, 49.4186, 10.9644)	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(26.0062, 49.4186,
10.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	2FD730
RGB	47, 215, 48
RGB Percent	18%, 84%, 19%
CMY	0.8157, 0.1568, 0.8117
CMYK	0.78, 0.00, 0.78, 0.16
HSL	120°, 68%, 51%
HSV	120°, 78%, 84%
XYZ	26.0062, 49.4186, 10.9644
YIQ	145.7300, -46.5210, -87.5530

Conversions

Conversions Part 2

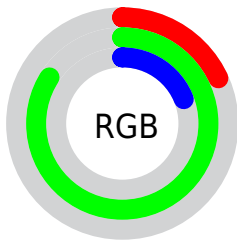
Format	Color
RYB	47, 214, 215
Decimal	3135280
CIELab	75.71, -70.71, 65.07
CIELCh	76, 96.094, 137.375
Yxy	49.4186, 0.3010, 0.5720
Android (android.graphics.Color)	4281325360 (0xFF2FD730)
YUV	145.7300, -48.1809, -86.5862
Hunter-Lab	70.2984, -56.9878, 39.9614

Details

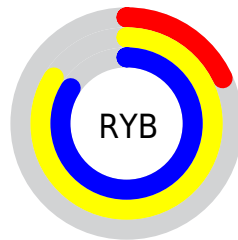
The XYZ color **26.0062, 49.4186, 10.9644** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **41.1791, 21.3355, 65.5636**, and the grayscale version is **27.4168, 28.8446, 31.4118**.

A 20% lighter version of the original color is **46.3876, 76.6982, 25.9950**, and **12.3981, 24.7963, 4.1327** is the 20% darker color. If you saturate the color by 10%, you get **24.9084, 48.8934, 9.1395**, and if you desaturate by 10%, it is **27.8063, 50.2843, 13.9324**.

Distribution



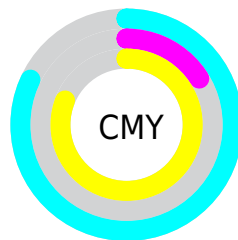
- Red (18%)
- Green (84%)
- Blue (19%)



- Red (18%)
- Yellow (84%)
- Blue (84%)



- Cyan (78%)
- Magenta (0%)
- Yellow (78%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0062, 49.4186, 10.9644 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 26.0062, 49.4186, 10.9644 by changing the saturation by 10% instead.

■ 26.0062, 49.4186,
10.9644

■ 26.0062, 49.4186,
10.9644

275.0687,
384.3879, 208.1518

■ 16.9610, 34.9517,
5.9290

■ 52.7162, 89.3129,
28.2300

■ 10.3018, 23.6256,
2.7339

■ 71.1116, 115.5089,
41.2972

■ 5.6633, 15.0562,
0.9604

■ 93.3546, 146.3835,
57.8789

■ 2.6802, 8.8588,
0.0000

■ 119.8103,
182.3210, 78.3935

■ 0.9870, 4.6492,
0.0000

■ 150.8443,
223.7058, 103.2595

■ 0.0000, 2.0429,
0.0000

■ 186.8217,

■ 0.0000, 0.6322,

270.9223, 132.8956

0.0000

228.1081,
324.3549, 167.7201

■ 0.0000, 0.0000,
0.0000

■ 26.0062, 49.4186,
10.9644

■ 26.0062, 49.4186,
10.9644

■ 24.9084, 48.8934,
9.1395

■ 27.8063, 50.2843,
13.9324

■ 24.3803, 48.6402,
8.2547


■ 30.3955, 51.5276,
18.1849


■ 24.3085, 48.6057,
8.1377


■ 33.8516, 53.1875,
23.8468


■ 38.2423, 55.2966,
31.0271

■ 43.6286, 57.8842,
39.8240

 50.0662, 60.9771,
50.3278

 57.6070, 64.6002,
62.6218

 66.2991, 68.7767,
76.7841

 76.1880, 73.5284,
92.8880

Harmonies

Analogous

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



37.4666, 49.4186, 3.9869



26.0062, 49.4186, 10.9644



20.8471, 49.4186, 35.0880

Triad

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



26.0062, 49.4186, 10.9644



39.8745, 49.4186, 217.5283



87.8327, 49.4186, 29.5085

Complementary

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



26.0062, 49.4186, 10.9644



41.1791, 21.3355, 65.5636

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.



88.9524, 49.4186, 78.2254



26.0062, 49.4186, 10.9644



57.9602, 49.4186, 212.2326

Square

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



26.0062, 49.4186, 10.9644



27.3831, 49.4186, 163.0783



76.9517, 49.4186, 151.3342



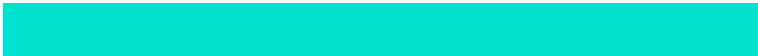
74.1960, 49.4186, 9.0920

Rectangle

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



26.0062, 49.4186, 10.9644



20.5317, 49.4186, 67.4079



76.9517, 49.4186, 151.3342



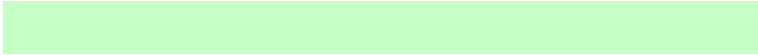
89.7892, 49.4186, 42.1734

Sweetspot

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



26.0074, 49.4207, 10.9655



68.6600, 87.3203, 65.8801



52.8400, 63.2558, 12.1139



13.9802, 18.3462, 12.9328



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.



26.0074, 49.4207, 10.9655



36.0611, 71.6637, 12.4515



29.5706, 50.8459, 29.7291



12.2654, 13.8972, 13.2123



14.5402, 29.0714, 4.8744



0.8781, 1.7539, 0.2997

Inverse Universe

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



41.1791, 21.3355, 65.5636



59.2345, 28.7379, 95.8239



33.1388, 18.1194, 23.2242



12.9497, 12.6314, 15.6754



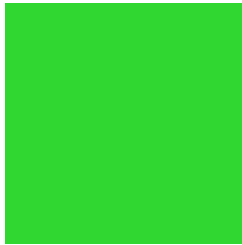
24.0011, 11.5368, 38.9054



1.4487, 0.6963, 2.3522

Previews

White Background



This preview shows how the XYZ color 26.0062, 49.4186, 10.9644 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 26.0062, 49.4186, 10.9644 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 26.0062, 49.4186, 10.9644

Background



This preview shows how black text looks on a background with the XYZ color 26.0062, 49.4186, 10.9644.

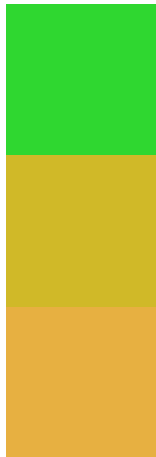


This preview shows how white text looks on a background with the XYZ color 26.0062, 49.4186,

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

26.0062, 49.4186, 10.9644

Protanopia

43.7444, 48.2610, 9.0172

Deuteranopia

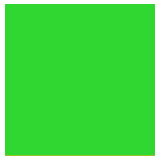
49.4345, 48.4212, 11.7418



Tritanopia

38.2157, 48.9150, 73.0730

Trichromacy



Original Color

26.0062, 49.4186, 10.9644



Protanomaly

32.5704, 46.0438, 9.4562



Deuteranomaly

34.5127, 45.0352, 11.0113



Tritanomaly

31.0565, 47.7252, 39.0275

Monochromacy



Original Color

26.0062, 49.4186, 10.9644



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

23.8078, 33.5666, 19.9761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0062, 49.4186, 10.9644 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(47, 215, 48)` looks like.

```
.text, #text, p{  
    color:rgb(47, 215, 48)  
}
```

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(47, 215, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 215, 48) }
```

Border

The CSS property to change the border of an element to XYZ 26.0062, 49.4186, 10.9644 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(47, 215, 48) }
```


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

```
.border{ border-color:rgb(47, 215, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 215, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 215, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 215, 48);  
box-shadow:4px 4px 4px 4px rgb(47, 215,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0062, 49.4186, 10.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 215, 48) }
```

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

```
.background{ background-color: rgb(47, 215,  
48) }
```

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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