

Converting Colors

XYZ(26.9400, 49.4847, 12.7471)

Have a look what the booklet for
XYZ(26.9400, 49.4847, 12.7471)
contains.

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Color

**XYZ(26.9027, 49.4651,
12.6872)**

Conversions

Conversions Part 1

Format	Color
Hex	3ED63E
RGB	62, 214, 62
RGB Percent	24%, 84%, 24%
CMY	0.7569, 0.1608, 0.7568
CMYK	0.71, 0.00, 0.71, 0.16
HSL	120°, 65%, 54%
HSV	120°, 71%, 84%
XYZ	26.9027, 49.4651, 12.6872
YIQ	151.2240, -41.8000, -79.4960

Conversions

Conversions Part 2

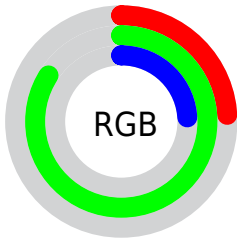
Format	Color
RYB	62, 214, 214
Decimal	4118078
CIELab	75.74, -67.14, 60.49
CIELCh	76, 90.369, 137.985
Yxy	49.4651, 0.3021, 0.5554
Android (android.graphics.Color)	4282308158 (0xFF3ED63E)
YUV	151.2240, -43.9874, -78.2494
Hunter-Lab	70.3314, -54.8014, 38.5366

Details

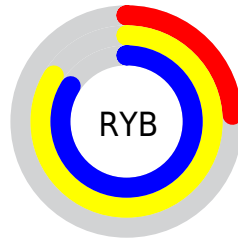
The XYZ color **26.9027, 49.4651, 12.6872** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **41.5929, 22.5971, 65.7875**, and the grayscale version is **29.7081, 31.2552, 34.0370**.

A 20% lighter version of the original color is **48.2359, 77.5738, 29.5705**, and **12.2269, 24.4537, 4.0756** is the 20% darker color. If you saturate the color by 10%, you get **25.3396, 48.7157, 10.1294**, and if you desaturate by 10%, it is **29.2274, 50.5833, 16.4889**.

Distribution



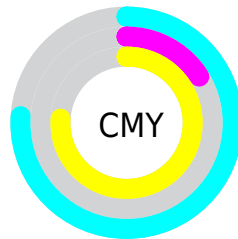
- Red (24%)
- Green (84%)
- Blue (24%)



- Red (24%)
- Yellow (84%)
- Blue (84%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9027, 49.4651, 12.6872 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 26.9027, 49.4651, 12.6872 by changing the saturation by 10% instead.


 26.9027, 49.4651,
12.6872


 26.9027, 49.4651,
12.6872


279.3618,
384.5705, 220.0401


 17.6364, 34.9886,
7.0853


 54.1487, 89.3818,
31.4236


 10.7873, 23.6541,
3.4363


 72.8590, 115.5908,
45.3951


 5.9903, 15.0772,
1.3215


 95.4481, 146.4794,
62.9937

 2.8798, 8.8736,
0.0793

 122.2813,
182.4321, 84.6378

 1.0905, 4.6588,
0.0000

 153.7239,
223.8331, 110.7459

 0.0171, 2.0485,
0.0000

190.1413,

 0.0000, 0.6354,

271.0669, 141.7367

0.0000

231.8988,
324.5179, 178.0285

■ 0.0000, 0.0000,
0.0000

■ 26.9027, 49.4651,
12.6872

■ 26.9027, 49.4651,
12.6872

■ 25.3396, 48.7157,
10.1294

■ 29.2274, 50.5833,
16.4889

■ 24.4394, 48.2833,
8.6569


■ 32.3898, 52.1023,
21.6617

■ 24.0476, 48.0952,
8.0160


■ 36.4607, 54.0578,
28.3204


■ 41.5025, 56.4796,
36.5673

■ 47.5722, 59.3952,
46.4952

 54.7221, 62.8297,
58.1901

 63.0012, 66.8066,
71.7320

 72.4555, 71.3480,
87.1959

 83.1283, 76.4746,
104.6529

Harmonies

Analogous

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



37.7482, 49.4651, 5.1265



26.9027, 49.4651, 12.6872



22.0098, 49.4651, 36.8372

Triad

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



26.9027, 49.4651, 12.6872



40.6193, 49.4651, 204.0067



84.8206, 49.4651, 30.0879

Complementary

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



26.9027, 49.4651, 12.6872



41.5929, 22.5971, 65.7875

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.



86.1148, 49.4651, 75.4520



26.9027, 49.4651, 12.6872



57.6866, 49.4651, 198.0195

Square

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



26.9027, 49.4651, 12.6872



28.5723, 49.4651, 155.6794



75.2601, 49.4651, 142.2875



72.0582, 49.4651, 10.2667

Rectangle

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



26.9027, 49.4651, 12.6872



21.7734, 49.4651, 67.7276



75.2601, 49.4651, 142.2875



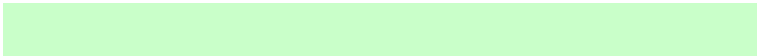
86.7054, 49.4651, 42.0261

Sweetspot

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



26.9039, 49.4672, 12.6883



70.5644, 88.2383, 68.8498



52.6498, 62.7397, 13.8926



14.5328, 18.6124, 13.8028



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.



26.9039, 49.4672, 12.6883



36.9226, 72.0784, 13.8220



30.6218, 50.9544, 32.2669



12.2625, 13.8960, 13.1967



14.5346, 29.0692, 4.8450



0.8767, 1.7533, 0.2923

Inverse Universe

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



41.5929, 22.5971, 65.7875



59.9901, 29.8819, 97.2084



34.0430, 19.5771, 26.0302



12.9531, 12.6327, 15.6931



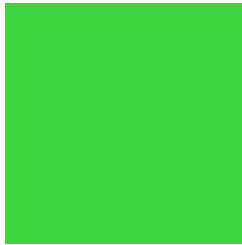
24.0978, 11.5755, 39.4149



1.4535, 0.6982, 2.3773

Previews

White Background



This preview shows how the XYZ color 26.9027, 49.4651, 12.6872 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 26.9027, 49.4651, 12.6872 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 26.9027, 49.4651, 12.6872

Background



This preview shows how black text looks on a background with the XYZ color 26.9027, 49.4651, 12.6872.



This preview shows how white text looks on a background with the XYZ color 26.9027, 49.4651,

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

26.9027, 49.4651, 12.6872

Protanopia

43.7469, 48.2297, 10.4936

Deuteranopia

49.4630, 48.3955, 13.5718



Tritanopia

38.7579, 49.2095, 72.4214

Trichromacy



Original Color

26.9027, 49.4651, 12.6872



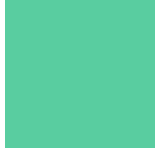
Protanomaly

33.8049, 46.6453, 11.0926



Deuteranomaly

35.9130, 45.7169, 12.8927



Tritanomaly

32.2963, 48.3246, 40.8831

Monochromacy



Original Color

26.9027, 49.4651, 12.6872



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.0736, 35.5260, 22.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9027, 49.4651, 12.6872 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, 214, 62)` looks like.

```
.text, #text, p{  
    color:rgb(62, 214, 62)  
}
```

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, 214, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 214, 62) }
```

Border

The CSS property to change the border of an element to XYZ 26.9027, 49.4651, 12.6872 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, 214, 62) }
```


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

```
.border{ border-color:rgb(62, 214, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 214, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 214, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 214, 62);  
box-shadow:4px 4px 4px 4px rgb(62, 214,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9027, 49.4651, 12.6872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 214, 62) }
```

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

```
.background{ background-color: rgb(62, 214,  
62) }
```

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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