

Converting Colors

XYZ(15.1998, 28.4843, 10.9690)

Have a look what the booklet for
XYZ(15.1998, 28.4843, 10.9690)
contains.

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Color

**XYZ(15.2052, 28.4863,
11.0003)**

Conversions

Conversions Part 1

Format	Color
Hex	00A849
RGB	0, 168, 73
RGB Percent	0%, 66%, 29%
CMY	1.0000, 0.3412, 0.7137
CMYK	1.00, 0.00, 0.57, 0.34
HSL	146°, 100%, 33%
HSV	146°, 100%, 66%
XYZ	15.2052, 28.4863, 11.0003
YIQ	106.9380, -69.6330, -65.1610

Conversions

Conversions Part 2

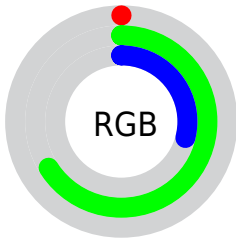
Format	Color
RYB	0, 117, 168
Decimal	43081
CIELab	60.33, -57.56, 38.45
CIELCh	60, 69.221, 146.260
Yxy	28.4863, 0.2780, 0.5209
Android (android.graphics.Color)	4278233161 (0xFF00A849)
YUV	106.9380, -16.7314, -93.7846
Hunter-Lab	53.3726, -42.5495, 25.1409

Details

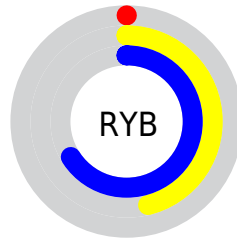
The XYZ color **15.2052, 28.4863, 11.0003** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **18.2148, 9.1515, 11.6336**, and the grayscale version is **14.0173, 14.7473, 16.0598**.

A 20% lighter version of the original color is **34.7074, 57.0419, 28.2497**, and **6.1720, 12.0965, 2.8202** is the 20% darker color. If you saturate the color by 10%, you get **15.2058, 28.4874, 11.0007**, and if you desaturate by 10%, it is **15.7730, 28.7406, 12.7995**.

Distribution



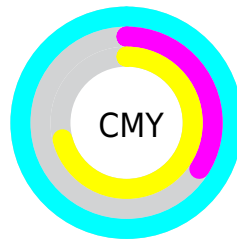
- Red (0%)
- Green (66%)
- Blue (29%)



- Red (0%)
- Yellow (46%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (34%)





- Cyan (100%)
- Magenta (34%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2052, 28.4863, 11.0003 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 15.2052, 28.4863, 11.0003 by changing the saturation by 10% instead.


 15.2052, 28.4863,
11.0003


 15.2052, 28.4863,
11.0003


217.9687,
294.7834, 208.4071


 9.0508, 18.6926,
5.9529


 34.7815, 57.2599,
28.2974


 4.8317, 11.4483,
2.7481


 48.9340, 77.0086,
41.3841


 2.1826, 6.3692,
0.9675


 66.4833, 100.8443,
57.9877

 0.7335, 3.0709,
0.0000

 87.7948, 129.1516,
78.5266

 0.0000, 1.1689,
0.0000

 113.2337,
162.3147, 103.4195

 0.0000, 0.0360,
0.0000

 143.1654,

 0.0000, 0.0000,

200.7181, 133.0849

0.0000

177.9553,
244.7462, 167.9412

■ 15.2052, 28.4863,
11.0003

■ 15.2052, 28.4863,
11.0003

■ 15.2058, 28.4874,
11.0007

■ 15.7730, 28.7406,
12.7995

■ 16.5818, 29.1125,
14.8712

■ 17.7123, 29.6443,
17.2299

■ 19.2014, 30.3547,
19.8869

■ 21.0805, 31.2597,
22.8526

■ 23.3777, 32.3736,
26.1370

■ 26.1179, 33.7092,
29.7495

■ 29.3245, 35.2781,
33.6993

■ 33.0189, 37.0914,
37.9949

Harmonies

Analogous

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



20.1959, 28.4863, 4.5728



15.2052, 28.4863, 11.0003



13.3515, 28.4863, 27.9324

Triad

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



15.2052, 28.4863, 11.0003



25.9758, 28.4863, 109.9792



45.4757, 28.4863, 14.0101

Complementary

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



15.2052, 28.4863, 11.0003



18.2148, 9.1515, 11.6336

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.



47.9604, 28.4863, 34.3202



15.2052, 28.4863, 11.0003



35.3626, 28.4863, 98.8721

Square

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



15.2052, 28.4863, 11.0003



18.6491, 28.4863, 92.1170



43.9186, 28.4863, 66.9181



37.7202, 28.4863, 5.5229

Rectangle

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



15.2052, 28.4863, 11.0003



13.7595, 28.4863, 46.8388



43.9186, 28.4863, 66.9181



47.0191, 28.4863, 19.2315

Sweetspot

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



15.2059, 28.4875, 11.0010



47.0967, 61.0232, 53.6050



18.7436, 30.4502, 4.8897



9.8105, 13.0786, 11.0947



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.2059, 28.4875, 11.0010



27.4887, 51.6512, 19.4167



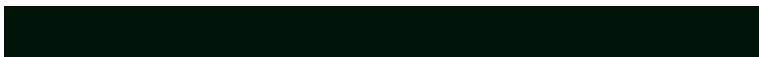
20.0722, 30.4340, 36.6266



7.5670, 8.4599, 8.7062



11.5072, 21.5216, 8.4378



0.3058, 0.5340, 0.3415

Inverse Universe

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



18.2148, 9.1515, 11.6336



32.9424, 16.5621, 20.5325



16.2107, 8.3499, 1.0801



7.7021, 7.6107, 8.7484



13.7806, 6.9210, 8.9222



0.3603, 0.1784, 0.3486

Previews

White Background



This preview shows how the XYZ color 15.2052, 28.4863, 11.0003 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2052, 28.4863, 11.0003 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 × Fail

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

XYZ 15.2052, 28.4863, 11.0003

Background



This preview shows how black text looks on a background with the XYZ color 15.2052, 28.4863, 11.0003.



This preview shows how white text looks on a background with the XYZ color 15.2052, 28.4863,

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

15.2052, 28.4863, 11.0003

Protanopia

25.6060, 28.1177, 9.2319

Deuteranopia

28.4782, 28.0011, 11.6884



Tritanopia

21.8243, 28.5522, 42.8889

Trichromacy



Original Color

15.2052, 28.4863, 11.0003



Protanomaly

17.9449, 26.0369, 9.7101



Deuteranomaly

18.8047, 25.4897, 11.1366



Tritanomaly

18.2483, 28.0822, 27.3803

Monochromacy



Original Color

15.2052, 28.4863, 11.0003



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

12.2997, 17.7557, 13.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2052, 28.4863, 11.0003 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(0, 168, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 73)  
}
```

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(0, 168, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 73) }
```

Border

The CSS property to change the border of an element to XYZ 15.2052, 28.4863, 11.0003 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(0, 168, 73) }
```


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

```
.border{ border-color:rgb(0, 168, 73) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 168, 73)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.2052, 28.4863, 11.0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 73) }
```

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

```
.background{ background-color: rgb(0, 168,  
73) }
```

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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