

Converting Colors

XYZ(16.0484, 30.4520, 10.4204)

Have a look what the booklet for
XYZ(16.0484, 30.4520, 10.4204)
contains.

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Color

**XYZ(15.9567, 30.2924,
10.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD43
RGB	0, 173, 67
RGB Percent	0%, 68%, 26%
CMY	1.0000, 0.3216, 0.7372
CMYK	1.00, 0.00, 0.61, 0.32
HSL	143°, 100%, 34%
HSV	143°, 100%, 68%
XYZ	15.9567, 30.2924, 10.3162
YIQ	109.1890, -69.0820, -69.6420

Conversions

Conversions Part 2

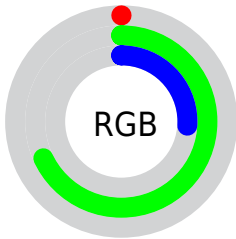
Format	Color
RYB	0, 125, 173
Decimal	44355
CIELab	61.91, -59.97, 43.14
CIElCh	62, 73.879, 144.269
Yxy	30.2924, 0.2821, 0.5355
Android (android.graphics.Color)	4278234435 (0xFF00AD43)
YUV	109.1890, -20.7992, -95.7588
Hunter-Lab	55.0385, -44.5669, 27.4139

Details

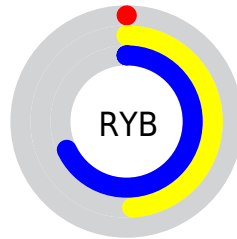
The XYZ color **15.9567, 30.2924, 10.3162** is a dark color, and the websafe version is hex **009933**, and the color name is **green (pantone)**. A complement of this color would be **19.8361, 9.9254, 14.5073**, and the grayscale version is **14.6617, 15.4253, 16.7981**.

A 20% lighter version of the original color is **36.1408, 60.2527, 27.1779**, and **6.6632, 13.2202, 2.5484** is the 20% darker color. If you saturate the color by 10%, you get **15.9573, 30.2936, 10.3164**, and if you desaturate by 10%, it is **16.5418, 30.5547, 12.1592**.

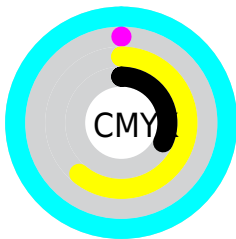
Distribution



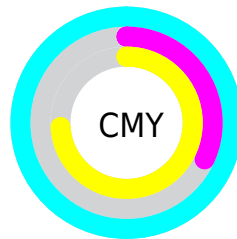
- Red (0%)
- Green (68%)
- Blue (26%)



- Red (0%)
- Yellow (49%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (32%)




- Cyan (100%)
- Magenta (32%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9567, 30.2924, 10.3162 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 15.9567, 30.2924, 10.3162 by changing the saturation by 10% instead.


 15.9567, 30.2924,
10.3162


 15.9567, 30.2924,
10.3162

222.3615,
303.2650, 203.4803


 9.5842, 20.0606,
5.5008


 36.0811, 60.1243,
27.0056


 5.1843, 12.4391,
2.4801


 50.5636, 80.4932,
39.7167

 2.3916, 7.0435,
0.8296


 68.4802, 105.0099,
55.8967

 0.8409, 3.4893,
0.0000

 90.1962, 134.0589,
75.9643

 0.0000, 1.3922,
0.0000

 116.0770,
168.0245, 100.3379

 0.0000, 0.2110,
0.0000

 146.4879,

 0.0000, 0.0000,

207.2911, 129.4360

0.0000

181.7943,
252.2432, 163.6773

■ 15.9567, 30.2924,
10.3162

■ 15.9567, 30.2924,
10.3162

■ 15.9573, 30.2936,
10.3164

■ 16.5418, 30.5547,
12.1592

■ 17.3939, 30.9467,
14.3334

■ 18.5983, 31.5130,
16.8577

■ 20.1952, 32.2739,
19.7475

■ 22.2192, 33.2471,
23.0170

■ 24.7007, 34.4478,
26.6798

■ 27.6673, 35.8902,
30.7487

■ 31.1445, 37.5870,
35.2358

■ 35.1557, 39.5502,
40.1529

Harmonies

Analogous

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



21.6662, 30.2924, 4.0881



15.9567, 30.2924, 10.3162



13.7208, 30.2924, 27.8417

Triad

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



15.9567, 30.2924, 10.3162



26.9358, 30.2924, 122.1779



49.8229, 30.2924, 15.2896

Complementary

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



15.9567, 30.2924, 10.3162



19.8361, 9.9254, 14.5073

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.



52.1417, 30.2924, 38.7218



15.9567, 30.2924, 10.3162



37.3305, 30.2924, 111.6331

Square

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



15.9567, 30.2924, 10.3162



19.0592, 30.2924, 99.8250



47.1375, 30.2924, 76.0675



41.3765, 30.2924, 5.5934

Rectangle

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



15.9567, 30.2924, 10.3162



14.0227, 30.2924, 48.2984



47.1375, 30.2924, 76.0675



51.4152, 30.2924, 21.3053

Sweetspot

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



15.9574, 30.2936, 10.3169



49.2466, 64.1279, 54.6648



20.9700, 32.9948, 5.2635



10.2132, 13.6984, 11.2195



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



15.9574, 30.2936, 10.3169



28.4797, 54.2131, 17.9596



20.6791, 32.1823, 35.1810



8.0281, 8.9888, 9.1729



11.7488, 22.2648, 7.7168



0.3541, 0.6303, 0.3582

Inverse Universe

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



19.8361, 9.9254, 14.5073



35.4156, 17.7317, 25.4095



17.3623, 8.9359, 1.4803



8.2036, 8.0947, 9.3831



14.6005, 7.3027, 10.8075



0.4319, 0.2134, 0.4361

Previews

White Background



This preview shows how the XYZ color 15.9567, 30.2924, 10.3162 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 15.9567, 30.2924, 10.3162 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 15.9567, 30.2924, 10.3162

Background



This preview shows how black text looks on a background with the XYZ color 15.9567, 30.2924, 10.3162.



This preview shows how white text looks on a background with the XYZ color 15.9567, 30.2924,

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

15.9567, 30.2924, 10.3162

Protanopia

27.2889, 29.9281, 8.6134

Deuteranopia

30.2689, 29.8129, 10.9966



Tritanopia

23.1124, 30.2010, 45.1687

Trichromacy



Original Color

15.9567, 30.2924, 10.3162



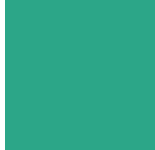
Protanomaly

19.0679, 27.8768, 9.0784



Deuteranomaly

19.7963, 26.9765, 10.4669



Tritanomaly

19.1189, 29.5855, 27.9955

Monochromacy



Original Color

15.9567, 30.2924, 10.3162



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

12.7259, 18.5759, 13.5045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9567, 30.2924, 10.3162 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, 173, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 67)  
}
```

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, 173, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.9567, 30.2924, 10.3162 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, 173, 67) }
```


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

```
.border{ border-color:rgb(0, 173, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.9567, 30.2924, 10.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 67) }
```

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

```
.background{ background-color: rgb(0, 173,  
67) }
```

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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