

Converting Colors

XYZ(8.7107, 25.4672, 9.1575)

Have a look what the booklet for
XYZ(8.7107, 25.4672, 9.1575)
contains.

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Color

**XYZ(15.0852, 28.7348,
9.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	00A93F
RGB	0, 169, 63
RGB Percent	0%, 66%, 25%
CMY	1.0000, 0.3372, 0.7529
CMYK	1.00, 0.00, 0.63, 0.34
HSL	142°, 100%, 33%
HSV	142°, 100%, 66%
XYZ	15.0852, 28.7348, 9.4539
YIQ	106.3850, -66.6980, -68.7940

Conversions

Conversions Part 2

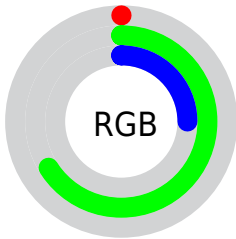
Format	Color
RYB	0, 123, 169
Decimal	43327
CIELab	60.55, -59.23, 43.42
CIELCh	61, 73.439, 143.759
Yxy	28.7348, 0.2832, 0.5394
Android (android.graphics.Color)	4278233407 (0xFF00A93F)
YUV	106.3850, -21.3888, -93.2996
Hunter-Lab	53.6049, -43.5759, 27.0668

Details

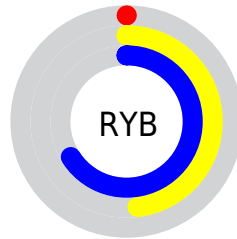
The XYZ color **15.0852, 28.7348, 9.4539** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **18.9648, 9.4763, 14.4674**, and the grayscale version is **13.8766, 14.5993, 15.8986**.

A 20% lighter version of the original color is **34.6473, 57.8829, 25.2660**, and **6.1636, 12.2746, 2.2167** is the 20% darker color. If you saturate the color by 10%, you get **15.0856, 28.7359, 9.4538**, and if you desaturate by 10%, it is **15.6407, 28.9844, 11.1789**.

Distribution



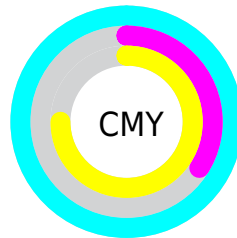
- Red (0%)
- Green (66%)
- Blue (25%)



- Red (0%)
- Yellow (48%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (34%)





- Cyan (100%)
- Magenta (34%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0852, 28.7348, 9.4539 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 15.0852, 28.7348, 9.4539 by changing the saturation by 10% instead.


 15.0852, 28.7348,
9.4539


 15.0852, 28.7348,
9.4539


217.2595,
295.9616, 197.0698


 8.9659, 18.8803,
4.9376


 34.5730, 57.6555,
25.3547


 4.7759, 11.5838,
2.1526


 48.6722, 77.4904,
37.5763


 2.1498, 6.4610,
0.6468


 66.1621, 101.4210,
53.2033

 0.7161, 3.1273,
0.0000

 87.4081, 129.8315,
72.6544

 0.0000, 1.1986,
0.0000

 112.7755,
163.1065, 96.3480

 0.0000, 0.0605,
0.0000

 142.6296,

 0.0000, 0.0000,

201.6302, 124.7028

0.0000

177.3358,
245.7871, 158.1372

■ 15.0852, 28.7348,
9.4539

■ 15.0852, 28.7348,
9.4539

■ 15.0856, 28.7359,
9.4538

■ 15.6407, 28.9844,
11.1789

■ 16.4501, 29.3571,
13.2289

■ 17.5958, 29.8960,
15.6230

■ 19.1159, 30.6202,
18.3768

■ 21.0432, 31.5465,
21.5047

■ 23.4065, 32.6895,
25.0204

■ 26.2321, 34.0624,
28.9368

■ 29.5441, 35.6774,
33.2662

■ 33.3649, 37.5458,
38.0205

Harmonies

Analogous

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



20.6032, 28.7348, 3.6970



15.0852, 28.7348, 9.4539



12.8980, 28.7348, 25.9462

Triad

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



15.0852, 28.7348, 9.4539



25.3767, 28.7348, 117.2223



47.6341, 28.7348, 14.6094

Complementary

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



15.0852, 28.7348, 9.4539



18.9648, 9.4763, 14.4674

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.



49.7476, 28.7348, 37.3153



15.0852, 28.7348, 9.4539



35.3378, 28.7348, 107.5685

Square

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



15.0852, 28.7348, 9.4539



17.8867, 28.7348, 95.1465



44.8190, 28.7348, 73.4354



39.5738, 28.7348, 5.2396

Rectangle

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



15.0852, 28.7348, 9.4539



13.1515, 28.7348, 45.4264



44.8190, 28.7348, 73.4354



49.1308, 28.7348, 20.4364

Sweetspot

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



15.0859, 28.7360, 9.4546



46.6825, 60.8575, 51.4236



20.2565, 31.5052, 5.0137



9.7121, 13.0393, 10.5765



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.



15.0859, 28.7360, 9.4546



26.9232, 51.4251, 16.4392



19.4136, 30.4671, 32.2438



7.5481, 8.4523, 8.6063



11.2670, 21.4255, 7.1727



0.2989, 0.5312, 0.3051

Inverse Universe

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



18.9648, 9.4763, 14.4674



33.8589, 16.9287, 25.3586



16.5130, 8.4956, 1.5562



7.7215, 7.6185, 8.8507



14.1602, 7.0728, 10.9211



0.3680, 0.1815, 0.3895

Previews

White Background



This preview shows how the XYZ color 15.0852, 28.7348, 9.4539 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 15.0852, 28.7348, 9.4539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

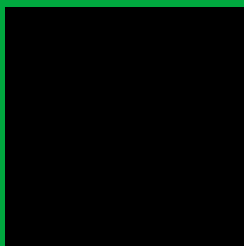
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0852, 28.7348, 9.4539

Background



This preview shows how black text looks on a background with the XYZ color 15.0852, 28.7348, 9.4539.



This preview shows how white text looks on a background with the XYZ color 15.0852, 28.7348,

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

15.0852, 28.7348, 9.4539

Protanopia

25.7395, 28.2177, 7.8313

Deuteranopia

28.6183, 28.1098, 10.0483



Tritanopia

21.9614, 28.6229, 42.8954

Trichromacy



Original Color

15.0852, 28.7348, 9.4539



Protanomaly

17.9385, 26.3105, 8.2707



Deuteranomaly

18.6317, 25.4353, 9.5577



Tritanomaly

18.0814, 28.0202, 26.2852

Monochromacy



Original Color

15.0852, 28.7348, 9.4539



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

12.0105, 17.6320, 12.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0852, 28.7348, 9.4539 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, 169, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 63)  
}
```

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, 169, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.0852, 28.7348, 9.4539 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, 169, 63) }
```


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

```
.border{ border-color:rgb(0, 169, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 63);  
box-shadow:4px 4px 4px 4px rgb(0, 169, 63)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.0852, 28.7348, 9.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 63) }
```

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

```
.background{ background-color: rgb(0, 169,  
63) }
```

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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