

Converting Colors

XYZ(15.4755, 29.1999, 10.1307)

Have a look what the booklet for
XYZ(15.4755, 29.1999, 10.1307)
contains.

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Color

**XYZ(15.4755, 29.1999,
10.1307)**

Conversions

Conversions Part 1

Format	Color
Hex	07AA43
RGB	7, 170, 67
RGB Percent	3%, 67%, 26%
CMY	0.9725, 0.3333, 0.7372
CMYK	0.96, 0.00, 0.61, 0.33
HSL	142°, 92%, 35%
HSV	142°, 96%, 67%
XYZ	15.4755, 29.1999, 10.1307
YIQ	109.5210, -64.0850, -66.5890

Conversions

Conversions Part 2

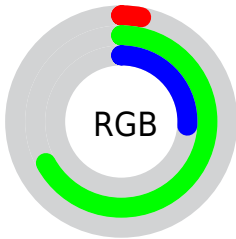
Format	Color
RYB	7, 126, 170
Decimal	502339
CIELab	60.96, -58.69, 42.06
CIELCh	61, 72.202, 144.372
Yxy	29.1999, 0.2824, 0.5328
Android (android.graphics.Color)	4278692419 (0xFF07AA43)
YUV	109.5210, -20.9629, -89.9109
Hunter-Lab	54.0369, -43.4445, 26.7103

Details

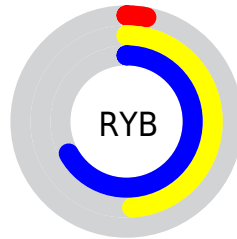
The XYZ color **15.4755, 29.1999, 10.1307** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **19.4691, 9.8244, 15.6237**, and the grayscale version is **14.7561, 15.5245, 16.9062**.

A 20% lighter version of the original color is **35.3552, 58.6259, 26.5921**, and **6.3180, 12.5198, 2.4643** is the 20% darker color. If you saturate the color by 10%, you get **15.2607, 29.1048, 9.4542**, and if you desaturate by 10%, it is **16.1182, 29.4913, 12.0029**.

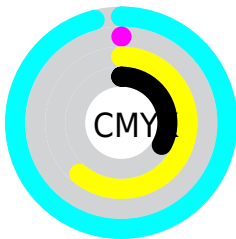
Distribution



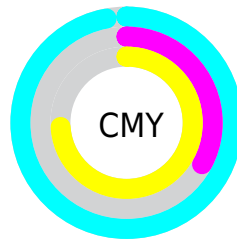
- Red (3%)
- Green (67%)
- Blue (26%)



- Red (3%)
- Yellow (49%)
- Blue (67%)



- Cyan (96%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)





- Cyan (97%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4755, 29.1999, 10.1307 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 15.4755, 29.1999, 10.1307 by changing the saturation by 10% instead.


 15.4755, 29.1999,
10.1307


 15.4755, 29.1999,
10.1307


219.5583,
298.1570, 202.1210


 9.2423, 19.2321,
5.3790


 35.2501, 58.3945,
26.6527


 4.9579, 11.8381,
2.4087


 49.5221, 78.3902,
39.2600


 2.2571, 6.6335,
0.7912


 67.2045, 102.4972,
55.3230

 0.7726, 3.2340,
0.0000

 88.6625, 131.1000,
75.2601

 0.0000, 1.2551,
0.0000

 114.2615,
164.5830, 99.4899

 0.0000, 0.1060,
0.0000

 144.3669,

 0.0000, 0.0000,

203.3305, 128.4310

0.0000

179.3441,
247.7271, 162.5018

■ 15.4755, 29.1999,
10.1307

■ 15.4755, 29.1999,
10.1307

■ 15.2607, 29.1048,
9.4542

■ 16.1182, 29.4913,
12.0029

■ 17.0718, 29.9349,
14.2172

■ 18.3838, 30.5556,
16.7913

■ 20.0906, 31.3720,
19.7409

■ 22.2235, 32.3998,
23.0807

■ 24.8109, 33.6535,
26.8244

■ 27.8784, 35.1459,
30.9853

■ 31.4497, 36.8891,
35.5758

■ 35.5469, 38.8941,
40.6080

Harmonies

Analogous

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



20.9266, 29.1999, 4.0785



15.4755, 29.1999, 10.1307



13.3428, 29.1999, 26.9707

Triad

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



15.4755, 29.1999, 10.1307



26.0141, 29.1999, 116.4667



47.7507, 29.1999, 14.8250

Complementary

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



15.4755, 29.1999, 10.1307



19.4691, 9.8244, 15.6237

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.



49.9779, 29.1999, 37.1600



15.4755, 29.1999, 10.1307



35.9241, 29.1999, 106.3761

Square

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



15.4755, 29.1999, 10.1307



18.4787, 29.1999, 95.3916



45.2440, 29.1999, 72.6240



39.7056, 29.1999, 5.5149

Rectangle

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



15.4755, 29.1999, 10.1307



13.6394, 29.1999, 46.4955



45.2440, 29.1999, 72.6240



49.2711, 29.1999, 20.5723

Sweetspot

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



15.4762, 29.2011, 10.1314



48.4470, 62.7270, 53.3751



20.8737, 32.0962, 5.2962



10.2947, 13.7407, 11.2091



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.



15.4762, 29.2011, 10.1314



27.5915, 52.7669, 16.6458



19.8297, 30.9425, 33.0566



7.5466, 8.4517, 8.5988



11.2505, 21.4189, 7.0858



0.2984, 0.5310, 0.3024

Inverse Universe

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



19.4691, 9.8244, 15.6237



34.8259, 17.4050, 26.4084



16.8728, 8.7859, 1.9521



7.7230, 7.6191, 8.8585



14.1909, 7.0851, 11.0827



0.3686, 0.1817, 0.3927

Previews

White Background



This preview shows how the XYZ color 15.4755, 29.1999, 10.1307 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 15.4755, 29.1999, 10.1307 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 15.4755, 29.1999, 10.1307

Background



This preview shows how black text looks on a background with the XYZ color 15.4755, 29.1999, 10.1307.



This preview shows how white text looks on a background with the XYZ color 15.4755, 29.1999,

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

15.4755, 29.1999, 10.1307

Protanopia

26.1988, 28.6705, 8.4281

Deuteranopia

29.1275, 28.5707, 10.8170



Tritanopia

22.2284, 29.0038, 43.4565

Trichromacy



Original Color

15.4755, 29.1999, 10.1307



Protanomaly

18.5624, 26.8657, 8.9099



Deuteranomaly

19.3114, 26.0067, 10.3053



Tritanomaly

18.5270, 28.4965, 27.0781

Monochromacy



Original Color

15.4755, 29.1999, 10.1307



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

13.0193, 18.7271, 13.5182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4755, 29.1999, 10.1307 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(7, 170, 67)` looks like.

```
.text, #text, p{  
    color:rgb(7, 170, 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(7, 170, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 170, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.4755, 29.1999, 10.1307 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(7, 170, 67) }
```


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

```
.border{ border-color:rgb(7, 170, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 170, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 170, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 170, 67);  
box-shadow:4px 4px 4px 4px rgb(7, 170, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4755, 29.1999, 10.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 170, 67) }
```

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

```
.background{ background-color: rgb(7, 170,  
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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