

Converting Colors

XYZ(15.1436, 26.8936, 9.4398)

Have a look what the booklet for
XYZ(15.1436, 26.8936, 9.4398)
contains.

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Color

**XYZ(15.1411, 26.8753,
9.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	31A241
RGB	49, 162, 65
RGB Percent	19%, 64%, 25%
CMY	0.8078, 0.3647, 0.7451
CMYK	0.70, 0.00, 0.60, 0.36
HSL	128°, 54%, 41%
HSV	128°, 70%, 64%
XYZ	15.1411, 26.8753, 9.3905
YIQ	117.1550, -36.2110, -54.1230

Conversions

Conversions Part 2

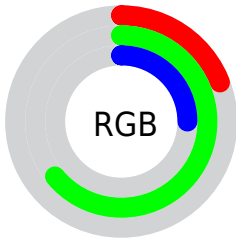
Format	Color
R_{YB}	49, 148, 162
Decimal	3252801
CIE _{Lab}	58.86, -51.62, 40.70
CIE _{LCh}	59, 65.738, 141.744
Yxy	26.8753, 0.2945, 0.5228
Android (android.graphics.Color)	4281442881 (0xFF31A241)
YUV	117.1550, -25.7124, -59.7719
Hunter-Lab	51.8414, -38.5887, 25.5492

Details

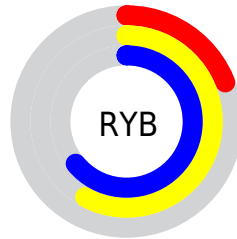
The XYZ color **15.1411, 26.8753, 9.3905** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **21.1876, 11.9537, 28.3850**, and the grayscale version is **17.0425, 17.9301, 19.5258**.

A 20% lighter version of the original color is **34.6542, 54.7188, 25.2583**, and **5.5350, 10.9638, 2.1723** is the 20% darker color. If you saturate the color by 10%, you get **14.1414, 26.4017, 7.4939**, and if you desaturate by 10%, it is **16.5222, 27.5356, 11.8239**.

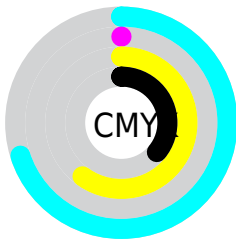
Distribution



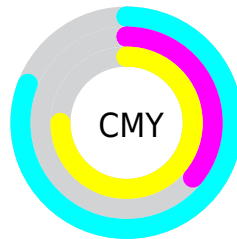
- Red (19%)
- Green (64%)
- Blue (25%)



- Red (19%)
- Yellow (58%)
- Blue (64%)



- Cyan (70%)
- Magenta (0%)
- Yellow (60%)
- Black (36%)





- Cyan (81%)
- Magenta (36%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1411, 26.8753, 9.3905 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 15.1411, 26.8753, 9.3905 by changing the saturation by 10% instead.


 15.1411, 26.8753,
9.3905


 15.1411, 26.8753,
9.3905


217.5902,
287.0528, 196.5889


 9.0054, 17.4796,
4.8965


 34.6701, 54.6837,
25.2322


 4.8019, 10.5770,
2.1290


 48.7942, 73.8652,
37.4170


 2.1650, 5.7832,
0.6329


 66.3119, 97.0774,
53.0025

 0.7242, 2.7137,
0.0000

 87.5883, 124.7047,
72.4072

 0.0000, 0.9842,
0.0000

 112.9891,
157.1315, 96.0497

 0.0000, 0.0000,
0.0000

142.8794,

194.7422, 124.3484

177.6246,
237.9212, 157.7220

■ 15.1411, 26.8753,
9.3905

■ 15.1411, 26.8753,
9.3905

■ 14.1414, 26.4017,
7.4939

■ 16.5222, 27.5356,
11.8239

■ 13.4819, 26.0920,
6.0917

■ 18.3163, 28.3959,
14.8287

■ 13.0834, 25.9073,
5.1367

■ 20.5542, 29.4720,
18.4386

■ 13.0749, 25.9034,
5.1183

■ 23.2630, 30.7772,
22.6842

■ 26.4676, 32.3239,
27.5942

■ 30.1912, 34.1234,
33.1952

■ 34.4556, 36.1864,
39.5127

■ 39.2812, 38.5228,
46.5707

■ 44.6874, 41.1423,
54.3921

Harmonies

Analogous

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



20.1859, 26.8753, 4.2807



15.1411, 26.8753, 9.3905



12.9992, 26.8753, 23.3002

Triad

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



15.1411, 26.8753, 9.3905



23.3672, 26.8753, 99.5644



42.9632, 26.8753, 15.6270

Complementary

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



15.1411, 26.8753, 9.3905



21.1876, 11.9537, 28.3850

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.



44.3195, 26.8753, 36.1642



15.1411, 26.8753, 9.3905



31.7755, 26.8753, 93.5413

Square

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



15.1411, 26.8753, 9.3905



17.0454, 26.8753, 80.2889



39.8699, 26.8753, 66.5968



36.4818, 26.8753, 6.3221

Rectangle

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



15.1411, 26.8753, 9.3905



13.1047, 26.8753, 39.3397



39.8699, 26.8753, 66.5968



44.0817, 26.8753, 21.0726

Sweetspot

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



15.1418, 26.8764, 9.3911



47.0265, 58.1863, 48.5406



25.4964, 32.2606, 7.7889



10.2087, 12.8978, 10.3629



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.1418, 26.8764, 9.3911



24.9018, 47.5661, 12.0119



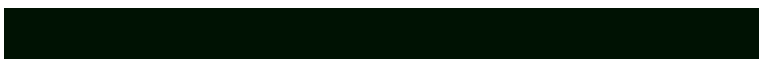
17.6123, 27.8646, 22.4010



7.0245, 7.9106, 7.7409



10.3105, 20.4105, 4.0856



0.2277, 0.4333, 0.1442

Inverse Universe

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



21.1876, 11.9537, 28.3850



36.5321, 18.6467, 48.3925



17.8633, 10.6240, 10.8793



7.3210, 7.1849, 8.6768



15.4256, 7.5263, 19.9638



0.3352, 0.1626, 0.4778

Previews

White Background



This preview shows how the XYZ color 15.1411, 26.8753, 9.3905 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 15.1411, 26.8753, 9.3905 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 15.1411, 26.8753, 9.3905

Background



This preview shows how black text looks on a background with the XYZ color 15.1411, 26.8753, 9.3905.



This preview shows how white text looks on a background with the XYZ color 15.1411, 26.8753,

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

15.1411, 26.8753, 9.3905

Protanopia

24.0246, 26.4334, 7.9736

Deuteranopia

26.9613, 26.4155, 9.9810



Tritanopia

21.1535, 26.7991, 39.1798

Trichromacy



Original Color

15.1411, 26.8753, 9.3905

Protanomaly

18.9259, 25.6137, 8.3613

Deuteranomaly

19.9808, 24.9779, 9.5625

Tritanomaly

18.1686, 26.5644, 24.5919

Monochromacy



Original Color

15.1411, 26.8753, 9.3905

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.0058, 19.9322, 14.6117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1411, 26.8753, 9.3905 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(49, 162, 65)` looks like.

```
.text, #text, p{  
    color:rgb(49, 162, 65)  
}
```

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(49, 162, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 162, 65) }
```

Border

The CSS property to change the border of an element to XYZ 15.1411, 26.8753, 9.3905 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(49, 162, 65) }
```


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

```
.border{ border-color:rgb(49, 162, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 162, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 162, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 162, 65);  
box-shadow:4px 4px 4px 4px rgb(49, 162,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1411, 26.8753, 9.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 162, 65) }
```

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

```
.background{ background-color: rgb(49, 162,  
65) }
```

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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