

Converting Colors

XYZ(15.5472, 26.2801, 9.8765)

Have a look what the booklet for
XYZ(15.5472, 26.2801, 9.8765)
contains.

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Color

**XYZ(15.5867, 26.3159,
9.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	409F45
RGB	64, 159, 69
RGB Percent	25%, 62%, 27%
CMY	0.7490, 0.3765, 0.7294
CMYK	0.60, 0.00, 0.57, 0.38
HSL	123°, 43%, 44%
HSV	123°, 60%, 62%
XYZ	15.5867, 26.3159, 9.8882
YIQ	120.3350, -27.7300, -48.1300

Conversions

Conversions Part 2

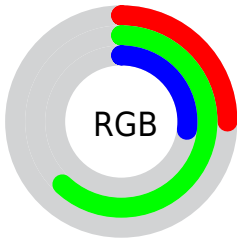
Format	Color
RYB	64, 154, 159
Decimal	4235077
CIELab	58.34, -46.73, 38.27
CIElCh	58, 60.402, 140.688
Yxy	26.3159, 0.3010, 0.5081
Android (android.graphics.Color)	4282425157 (0xFF409F45)
YUV	120.3350, -25.3082, -49.4058
Hunter-Lab	51.2990, -35.5378, 24.4808

Details

The XYZ color **15.5867, 26.3159, 9.8882** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **21.9650, 13.3714, 31.9959**, and the grayscale version is **18.0456, 18.9853, 20.6750**.

A 20% lighter version of the original color is **35.5758, 54.0219, 26.3215**, and **5.2716, 10.3551, 2.3370** is the 20% darker color. If you saturate the color by 10%, you get **14.2868, 25.6939, 7.6890**, and if you desaturate by 10%, it is **17.3014, 27.1396, 12.7276**.

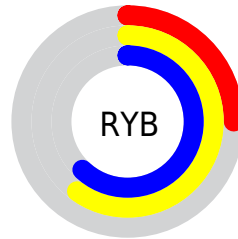
Distribution



Red (25%)

Green (62%)

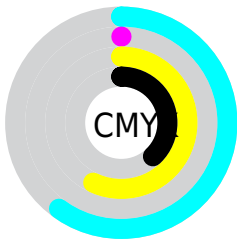
Blue (27%)



Red (25%)

Yellow (60%)

Blue (62%)

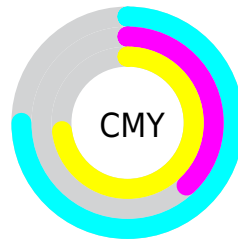


Cyan (60%)

Magenta (0%)

Yellow (57%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5867, 26.3159, 9.8882 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 15.5867, 26.3159, 9.8882 by changing the saturation by 10% instead.

■ 15.5867, 26.3159,
9.8882

■ 15.5867, 26.3159,
9.8882

220.2091,
284.3294, 200.3280

■ 9.3212, 17.0601,
5.2203

■ 35.4425, 53.7841,
26.1895

■ 5.0100, 10.2774,
2.3161

■ 49.7634, 72.7654,
38.6600

■ 2.2880, 5.5832,
0.7402

■ 67.5002, 95.7572,
54.5684

■ 0.7885, 2.5934,
0.0000

■ 89.0181, 123.1441,
74.3332

■ 0.0000, 0.9233,
0.0000

■ 114.6827,
155.3103, 98.3731

■ 0.0000, 0.0000,
0.0000

144.8591,

192.6404, 127.1064

179.9128,
235.5186, 160.9519

■ 15.5867, 26.3159,
9.8882

■ 15.5867, 26.3159,
9.8882

■ 14.2868, 25.6939,
7.6890

■ 17.3014, 27.1396,
12.7276

■ 13.3647, 25.2532,
6.0787

■ 19.4600, 28.1767,
16.2498

■ 12.7804, 24.9752,
5.0011

■ 22.0911, 29.4418,
20.4956

■ 12.4516, 24.8190,
4.3855

■ 25.2205, 30.9475,
25.5023

■ 12.4445, 24.8156,
4.3744

■ 28.8721, 32.7053,
31.3046

■ 33.0681, 34.7260,
37.9350

■ 37.8296, 37.0198,
45.4242

■ 43.1765, 39.5963,
53.8014

■ 49.1277, 42.4648,
63.0944

Harmonies

Analogous

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



20.3406, 26.3159, 5.0080



15.5867, 26.3159, 9.8882



13.4892, 26.3159, 22.5854

Triad

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



15.5867, 26.3159, 9.8882



22.7927, 26.3159, 90.1060



40.7168, 26.3159, 16.5923

Complementary

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



15.5867, 26.3159, 9.8882



21.9650, 13.3714, 31.9959

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.



41.7293, 26.3159, 35.7214



15.5867, 26.3159, 9.8882



30.3499, 26.3159, 85.7182

Square

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



15.5867, 26.3159, 9.8882



17.0784, 26.3159, 72.8159



37.6308, 26.3159, 62.7454



35.0872, 26.3159, 7.3494

Rectangle

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



15.5867, 26.3159, 9.8882



13.5283, 26.3159, 36.8426



37.6308, 26.3159, 62.7454



41.6464, 26.3159, 21.7779

Sweetspot

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



15.5873, 26.3170, 9.8888



46.0279, 55.8368, 47.0439



26.6987, 32.0623, 9.6322



9.9985, 12.4062, 10.0027



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.5873, 26.3170, 9.8888



24.9127, 45.6919, 12.6086



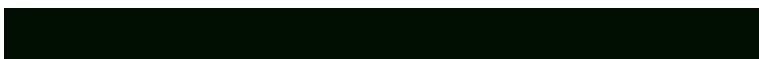
17.6802, 27.1541, 20.9095



6.5642, 7.4064, 7.1397



9.8336, 19.6014, 3.4810



0.1795, 0.3519, 0.0816

Inverse Universe

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



21.9650, 13.3714, 31.9959



37.3878, 20.3207, 55.8152



18.7729, 12.0945, 15.1867



6.8891, 6.7485, 8.2670



15.6862, 7.5791, 23.6624



0.2846, 0.1372, 0.4448

Previews

White Background



This preview shows how the XYZ color 15.5867, 26.3159, 9.8882 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 15.5867, 26.3159, 9.8882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

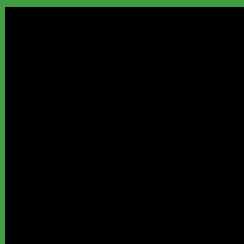
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.5867, 26.3159, 9.8882

Background



This preview shows how black text looks on a background with the XYZ color 15.5867, 26.3159, 9.8882.



This preview shows how white text looks on a background with the XYZ color 15.5867, 26.3159,

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

15.5867, 26.3159, 9.8882

Protanopia

23.7929, 26.0836, 8.4832

Deuteranopia

26.2696, 25.8429, 10.4411



Tritanopia

21.1109, 26.0943, 37.6423

Trichromacy



Original Color

15.5867, 26.3159, 9.8882

Protanomaly

19.4139, 25.3867, 8.8779

Deuteranomaly

20.2357, 24.6523, 9.9952

Tritanomaly

18.5120, 26.0032, 24.4655

Monochromacy



Original Color

15.5867, 26.3159, 9.8882

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.1296, 20.6991, 15.4571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5867, 26.3159, 9.8882 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(64, 159, 69)` looks like.

```
.text, #text, p{  
    color:rgb(64, 159, 69)  
}
```

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(64, 159, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 159, 69) }
```

Border

The CSS property to change the border of an element to XYZ 15.5867, 26.3159, 9.8882 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(64, 159, 69) }
```


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

```
.border{ border-color:rgb(64, 159, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 159, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 159, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 159, 69);  
box-shadow:4px 4px 4px 4px rgb(64, 159,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5867, 26.3159, 9.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 159, 69) }
```

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

```
.background{ background-color: rgb(64, 159,  
69) }
```

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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