

Converting Colors

XYZ(15.9165, 27.0080, 9.2826)

Have a look what the booklet for
XYZ(15.9165, 27.0080, 9.2826)
contains.

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Color

**XYZ(15.9170, 27.0182,
9.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	42A140
RGB	66, 161, 64
RGB Percent	26%, 63%, 25%
CMY	0.7412, 0.3686, 0.7490
CMYK	0.59, 0.00, 0.60, 0.37
HSL	119°, 43%, 44%
HSV	119°, 60%, 63%
XYZ	15.9170, 27.0182, 9.2266
YIQ	121.5370, -25.4830, -50.3070

Conversions

Conversions Part 2

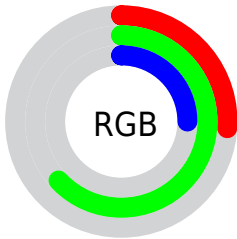
Format	Color
RYB	64, 161, 159
Decimal	4366656
CIELab	58.99, -47.64, 41.45
CIElCh	59, 63.146, 138.975
Yxy	27.0182, 0.3051, 0.5180
Android (android.graphics.Color)	4282556736 (0xFF42A140)
YUV	121.5370, -28.3657, -48.7059
Hunter-Lab	51.9790, -36.3031, 25.8610

Details

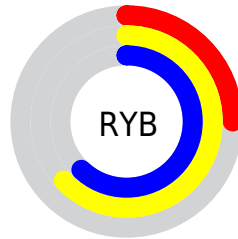
The XYZ color **15.9170, 27.0182, 9.2266** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **22.5664, 13.6121, 35.1578**, and the grayscale version is **18.4436, 19.4041, 21.1311**.

A 20% lighter version of the original color is **36.0757, 55.0745, 24.9487**, and **5.4173, 10.7470, 2.0760** is the 20% darker color. If you saturate the color by 10%, you get **14.6037, 26.3875, 7.1094**, and if you desaturate by 10%, it is **17.6568, 27.8551, 12.0554**.

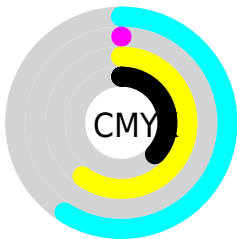
Distribution



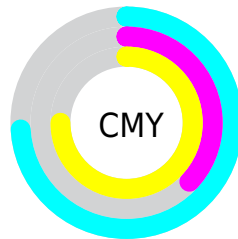
- Red (26%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (62%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (74%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9170, 27.0182, 9.2266 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 15.9170, 27.0182, 9.2266 by changing the saturation by 10% instead.

■ 15.9170, 27.0182,
9.2266

■ 15.9170, 27.0182,
9.2266

222.1315,
287.7452, 195.3393

■ 9.5559, 17.5869,
4.7905

■ 36.0127, 54.9131,
24.9149

■ 5.1655, 10.6538,
2.0683

■ 50.4780, 74.1454,
37.0042

■ 2.3805, 5.8346,
0.5968

■ 68.3754, 97.4136,
52.4816

■ 0.8354, 2.7447,
0.0000

■ 90.0702, 125.1019,
71.7657

■ 0.0000, 1.0000,
0.0000

■ 115.9279,
157.5949, 95.2749

■ 0.0000, 0.0000,
0.0000

146.3138,

195.2768, 123.4279

181.5932,
238.5321, 156.6432

■ 15.9170, 27.0182,
9.2266

■ 15.9170, 27.0182,
9.2266

■ 14.6037, 26.3875,
7.1094

■ 17.6568, 27.8551,
12.0554

■ 13.6785, 25.9421,
5.6388

■ 19.8533, 28.9102,
15.6493

■ 13.0994, 25.6628,
4.7416

■ 22.5365, 30.1986,
20.0592

■ 12.7869, 25.5123,
4.2504

■ 25.7331, 31.7331,
25.3306

■ 29.4677, 33.5256,
31.5061

■ 33.7637, 35.5871,
38.6252

■ 38.6429, 37.9282,
46.7252

■ 44.1259, 40.5587,
55.8413

■ 50.2323, 43.4880,
66.0070

Harmonies

Analogous

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



21.0907, 27.0182, 4.5848



15.9170, 27.0182, 9.2266



13.5591, 27.0182, 21.9211

Triad

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



15.9170, 27.0182, 9.2266



22.9079, 27.0182, 95.2469



42.7036, 27.0182, 17.5111

Complementary

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



15.9170, 27.0182, 9.2266



22.5664, 13.6121, 35.1578

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.



43.4660, 27.0182, 38.4551



15.9170, 27.0182, 9.2266



30.8910, 27.0182, 91.9022

Square

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



15.9170, 27.0182, 9.2266



17.0138, 27.0182, 75.3882



38.7897, 27.0182, 67.7494



36.8797, 27.0182, 7.4104

Rectangle

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



15.9170, 27.0182, 9.2266



13.4981, 27.0182, 36.6675



38.7897, 27.0182, 67.7494



43.5990, 27.0182, 23.1936

Sweetspot

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



15.9177, 27.0193, 9.2272



47.2851, 57.4054, 47.3475



27.8118, 32.3229, 9.6240



9.9934, 12.4089, 9.7614



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.



15.9177, 27.0193, 9.2272



25.5672, 46.9738, 11.7958



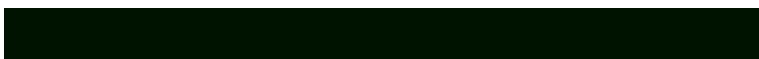
17.6349, 27.6909, 18.9597



6.9984, 7.9017, 7.5364



10.2164, 20.3772, 3.3947



0.2185, 0.4301, 0.0715

Inverse Universe

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



22.5664, 13.6121, 35.1578



38.5159, 20.8121, 62.3737



19.6692, 12.4993, 17.8187



7.3499, 7.1947, 8.9044



16.3548, 7.8377, 27.5806



0.3478, 0.1669, 0.5797

Previews

White Background



This preview shows how the XYZ color 15.9170, 27.0182, 9.2266 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 15.9170, 27.0182, 9.2266 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 15.9170, 27.0182, 9.2266

Background



This preview shows how black text looks on a background with the XYZ color 15.9170, 27.0182, 9.2266.



This preview shows how white text looks on a background with the XYZ color 15.9170, 27.0182,

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

15.9170, 27.0182, 9.2266

Protanopia

24.1932, 26.5233, 7.8474

Deuteranopia

26.9284, 26.4023, 9.8078



Tritanopia

21.7973, 26.9014, 38.6940

Trichromacy



Original Color

15.9170, 27.0182, 9.2266

Protanomaly

19.7177, 25.7911, 8.2139

Deuteranomaly

20.8790, 25.4445, 9.4411

Tritanomaly

18.9454, 26.7243, 24.2385

Monochromacy



Original Color

15.9170, 27.0182, 9.2266

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.6326, 21.3727, 15.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9170, 27.0182, 9.2266 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(66, 161, 64)` looks like.

```
.text, #text, p{  
    color:rgb(66, 161, 64)  
}
```

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(66, 161, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 161, 64) }
```

Border

The CSS property to change the border of an element to XYZ 15.9170, 27.0182, 9.2266 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(66, 161, 64) }
```


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

```
.border{ border-color:rgb(66, 161, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 161, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 161, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 161, 64);  
box-shadow:4px 4px 4px 4px rgb(66, 161,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9170, 27.0182, 9.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 161, 64) }
```

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

```
.background{ background-color: rgb(66, 161,  
64) }
```

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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