

# Converting Colors

XYZ(17.5169, 26.9422, 15.1036)

Have a look what the booklet for  
XYZ(17.5169, 26.9422, 15.1036)  
contains.

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# Color

**XYZ(17.5169, 26.9422,  
15.1036)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F9E5F
RGB	79, 158, 95
RGB Percent	31%, 62%, 37%
CMY	0.6902, 0.3804, 0.6274
CMYK	0.50, 0.00, 0.40, 0.38
HSL	132°, 33%, 46%
HSV	132°, 50%, 62%
XYZ	17.5169, 26.9422, 15.1036
YIQ	127.1970, -26.8610, -36.3410

# Conversions

## Conversions Part 2

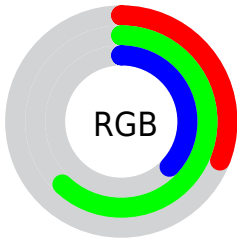
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 145, 158
Decimal	5217887
CIE <sub>Lab</sub>	58.92, -38.39, 25.64
CIE <sub>LCh</sub>	59, 46.170, 146.262
Yxy	26.9422, 0.2941, 0.4523
Android (android.graphics.Color)	4283407967 (0xFF4F9E5F)
YUV	127.1970, -15.8731, -42.2688
Hunter-Lab	51.9059, -30.5961, 19.0819

# Details

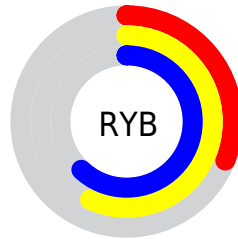
The XYZ color **17.5169, 26.9422, 15.1036** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.7799, 14.8147, 27.3039**, and the grayscale version is **20.3006, 21.3578, 23.2587**.

A 20% lighter version of the original color is **38.6554, 54.6504, 35.7054**, and **5.9760, 10.6702, 4.5409** is the 20% darker color. If you saturate the color by 10%, you get **15.8285, 26.1335, 12.2730**, and if you desaturate by 10%, it is **19.6118, 27.9513, 18.4381**.

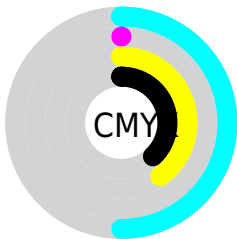
# Distribution



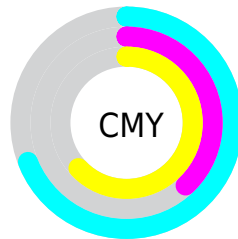
- Red (31%)
- Green (62%)
- Blue (37%)



- Red (31%)
- Yellow (57%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5169, 26.9422, 15.1036 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 17.5169, 26.9422, 15.1036 by changing the saturation by 10% instead.



■ 17.5169, 26.9422,  
15.1036

■ 17.5169, 26.9422,  
15.1036

231.2324,  
287.3772, 235.6548

■ 10.7013, 17.5298,  
8.7447

■ 38.7490, 54.7911,  
35.7797

■ 5.9322, 10.6130,  
4.4805

■ 53.8961, 73.9964,  
50.9340

■ 2.8441, 5.8072,  
1.8925

■ 72.5512, 97.2348,  
69.8571

■ 1.0719, 2.7282,  
0.4879

■ 95.0795, 124.8907,  
92.9677

■ 0.0014, 0.9915,  
0.0000

■ 121.8464,  
157.3485, 120.6842

■ 0.0000, 0.0000,  
0.0000

153.2173,

194.9926, 153.4251

189.5575,  
238.2073, 191.6092

■ 17.5169, 26.9422,  
15.1036

■ 17.5169, 26.9422,  
15.1036

■ 15.8285, 26.1335,  
12.2730

■ 19.6118, 27.9513,  
18.4381

■ 14.5175, 25.5083,  
9.9200

■ 22.1354, 29.1695,  
22.2973

■ 13.5542, 25.0529,  
8.0185


■ 25.1110, 30.6090,  
26.7035


■ 12.9037, 24.7495,  
6.5396


■ 28.5595, 32.2802,  
31.6767


■ 12.4881, 24.5590,  
5.4487


■ 32.5003, 34.1929,  
37.2361

 12.4881, 24.5590,  
5.4487

 36.9521, 36.3560,  
43.3999

 41.9321, 38.7783,  
50.1858

 47.4573, 41.4680,  
57.6104

 53.5433, 44.4329,  
65.6898

# Harmonies

## Analogous

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



21.0488, 26.9422, 9.2023



17.5169, 26.9422, 15.1036



16.1369, 26.9422, 27.3322

# Triad

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



17.5169, 26.9422, 15.1036



24.8984, 26.9422, 73.2511



36.7744, 26.9422, 17.5021

# Complementary

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



17.5169, 26.9422, 15.1036



21.7799, 14.8147, 27.3039

# 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.



38.2059, 26.9422, 31.4344



17.5169, 26.9422, 15.1036



30.7816, 26.9422, 67.5527

# Square

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



17.5169, 26.9422, 15.1036



19.9791, 26.9422, 64.0393



35.8705, 26.9422, 50.5037



32.2052, 26.9422, 10.1819



# Rectangle

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



17.5169, 26.9422, 15.1036



16.4446, 26.9422, 39.0552



35.8705, 26.9422, 50.5037



37.6652, 26.9422, 21.3791

# Sweetspot

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



17.5176, 26.9433, 15.1042



48.4380, 56.9586, 52.6118



24.8288, 30.7880, 12.0315



10.6449, 12.7078, 11.4629



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.



17.5176, 26.9433, 15.1042



28.4297, 47.3064, 21.7419



19.7762, 27.8467, 26.9977



6.6030, 7.4219, 7.3438



10.0133, 19.6732, 4.4269



0.1921, 0.3570, 0.1478



# Inverse Universe

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



21.7799, 14.8147, 27.3039



37.0576, 22.6839, 46.3840



19.3305, 13.8349, 14.4053



6.8465, 6.7315, 8.0430



14.3235, 7.0339, 16.4861



0.2695, 0.1311, 0.3654



# Previews

## White Background



This preview shows how the XYZ color 17.5169, 26.9422, 15.1036 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 17.5169, 26.9422, 15.1036 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 17.5169, 26.9422, 15.1036**

## **Background**



This preview shows how black text looks on a background with the XYZ color 17.5169, 26.9422, 15.1036.



This preview shows how white text looks on a background with the XYZ color 17.5169, 26.9422,



# 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

17.5169, 26.9422, 15.1036

### Protanopia

24.6128, 26.6244, 13.0743

### Deuteranopia

26.9006, 26.4635, 15.7468



## Tritanopia

22.1472, 26.8542, 38.1985

# Trichromacy



## Original Color

17.5169, 26.9422, 15.1036

## Protanomaly

21.0744, 26.1348, 13.8313

## Deuteranomaly

22.0187, 25.6777, 15.3510

## Tritanomaly

20.0985, 26.7413, 28.1470

# Monochromacy



## Original Color

17.5169, 26.9422, 15.1036

## Achromatopsia

20.1725, 21.2231, 23.1119

## Achromatomaly

18.6134, 22.7298, 19.6259

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 17.5169, 26.9422, 15.1036 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(79, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(79, 158, 95)  
}
```

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(79, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 95) }
```

## Border

The CSS property to change the border of an element to XYZ 17.5169, 26.9422, 15.1036 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(79, 158, 95) }
```



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

```
.border{ border-color:rgb(79, 158, 95) }
```

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

Here you see how a box with a 4 pixel rgb(79, 158, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(79, 158,  
95) }
```

# Background

The CSS property to change the background color of an element to XYZ 17.5169, 26.9422, 15.1036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 158, 95) }
```

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

```
.background{ background-color: rgb(79, 158,  
95) }
```

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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