

Converting Colors

XYZ(17.2240, 26.8574, 18.3582)

Have a look what the booklet for
XYZ(17.2240, 26.8574, 18.3582)
contains.

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Color

**XYZ(17.3517, 27.0372,
18.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	429F6C
RGB	66, 159, 108
RGB Percent	26%, 62%, 42%
CMY	0.7412, 0.3765, 0.5765
CMYK	0.58, 0.00, 0.32, 0.38
HSL	147°, 41%, 44%
HSV	147°, 58%, 62%
XYZ	17.3517, 27.0372, 18.4915
YIQ	125.3790, -39.0570, -35.5770

Conversions

Conversions Part 2

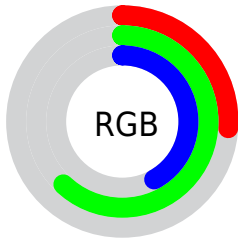
Format	Color
R _{YB}	66, 130, 159
Decimal	4366188
CIE _{Lab}	59.01, -39.67, 18.57
CIE _{LCh}	59, 43.802, 154.916
Yxy	27.0372, 0.2759, 0.4300
Android (android.graphics.Color)	4282556268 (0xFF429F6C)
YUV	125.3790, -8.5678, -52.0754
Hunter-Lab	51.9973, -31.4292, 15.3132

Details

The XYZ color **17.3517, 27.0372, 18.4915** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.4581, 12.5524, 18.2281**, and the grayscale version is **19.6589, 20.6827, 22.5235**.

A 20% lighter version of the original color is **38.4178, 54.7688, 41.8043**, and **6.0733, 10.8416, 6.0475** is the 20% darker color. If you saturate the color by 10%, you get **15.9847, 26.3842, 16.1253**, and if you desaturate by 10%, it is **19.0644, 27.8645, 21.1174**.

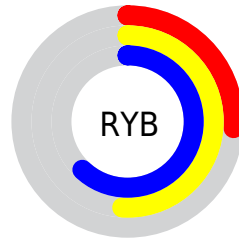
Distribution



Red (26%)

Green (62%)

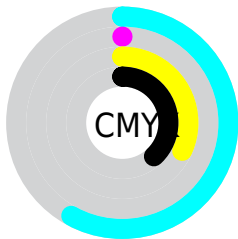
Blue (42%)



Red (26%)

Yellow (51%)

Blue (62%)

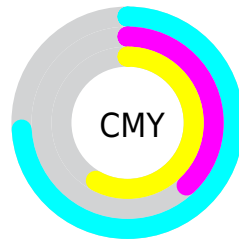


Cyan (58%)

Magenta (0%)

Yellow (32%)

Black (38%)



Cyan (74%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3517, 27.0372, 18.4915 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 17.3517, 27.0372, 18.4915 by changing the saturation by 10% instead.

■ 17.3517, 27.0372,
18.4915

■ 17.3517, 27.0372,
18.4915

230.3080,
287.8372, 255.9555

■ 10.5824, 17.6012,
11.1304

■ 38.4683, 54.9436,
41.6983

■ 5.8520, 10.6640,
6.0393

■ 53.5463, 74.1827,
58.3809

■ 2.7951, 5.8414,
2.7998

■ 72.1246, 97.4583,
79.0079

■ 1.0464, 2.7489,
0.9934

■ 94.5686, 125.1547,
103.9976

■ 0.0000, 1.0021,
0.0000

■ 121.2435,
157.6564, 133.7687

■ 0.0000, 0.0000,
0.0000

152.5149,

195.3478, 168.7397

188.7479,
238.6133, 209.3291

■ 17.3517, 27.0372,
18.4915

■ 17.3517, 27.0372,
18.4915

■ 15.9847, 26.3842,
16.1253

■ 19.0644, 27.8645,
21.1174

■ 14.9345, 25.8885,
14.0086

■ 21.1443, 28.8749,
24.0090

■ 14.1707, 25.5355,
12.1332

■ 23.6138, 30.0805,
27.1746

■ 13.6353, 25.2954,
10.4885

■ 26.4927, 31.4913,
30.6212

■ 13.5620, 25.2626,
10.2591

■ 29.7995, 33.1168,
34.3559

■ 33.5514, 34.9656,
38.3853

■ 37.7647, 37.0462,
42.7158

■ 42.4549, 39.3663,
47.3537

■ 47.6368, 41.9334,
52.3050

Harmonies

Analogous

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



20.1714, 27.0372, 11.0924



17.3517, 27.0372, 18.4915



16.6333, 27.0372, 32.0777

Triad

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



17.3517, 27.0372, 18.4915



26.6036, 27.0372, 70.4295



35.2492, 27.0372, 15.4222

Complementary

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



17.3517, 27.0372, 18.4915



19.4581, 12.5524, 18.2281

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.



37.5720, 27.0372, 26.9490



17.3517, 27.0372, 18.4915



32.1519, 27.0372, 61.4095

Square

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



17.3517, 27.0372, 18.4915



21.5196, 27.0372, 65.6906



36.3658, 27.0372, 44.0280



30.3851, 27.0372, 9.8081

Rectangle

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



17.3517, 27.0372, 18.4915



17.3418, 27.0372, 43.9247



36.3658, 27.0372, 44.0280



36.3820, 27.0372, 18.5495

Sweetspot

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



17.3524, 27.0383, 18.4921



47.5259, 56.4360, 54.9325



20.7387, 28.9831, 9.6559



10.3754, 12.5570, 11.9875



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.



17.3524, 27.0383, 18.4921



28.0361, 46.9700, 27.7559



20.5077, 28.3004, 35.1078



6.6690, 7.4484, 7.6917



10.7318, 19.9607, 8.2108



0.2129, 0.3653, 0.2577

Inverse Universe

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



19.4581, 12.5524, 18.2281



32.1540, 18.5728, 27.1893



17.3732, 11.7184, 7.2492



6.7776, 6.7040, 7.6799



12.6794, 6.3763, 7.8289



0.2479, 0.1225, 0.2515

Previews

White Background



This preview shows how the XYZ color 17.3517, 27.0372, 18.4915 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 17.3517, 27.0372, 18.4915 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 17.3517, 27.0372, 18.4915

Background



This preview shows how black text looks on a background with the XYZ color 17.3517, 27.0372, 18.4915.



This preview shows how white text looks on a background with the XYZ color 17.3517, 27.0372,

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

17.3517, 27.0372, 18.4915

Protanopia

24.7740, 26.6453, 15.8939

Deuteranopia

27.0946, 26.6931, 19.3470



Tritanopia

21.4964, 26.9758, 39.1958

Trichromacy



Original Color

17.3517, 27.0372, 18.4915



Protanomaly

20.9232, 26.2240, 16.7909



Deuteranomaly

21.7446, 25.6834, 18.8503



Tritanomaly

19.8160, 27.0341, 30.5592

Monochromacy



Original Color

17.3517, 27.0372, 18.4915



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

17.9844, 22.1663, 20.7834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3517, 27.0372, 18.4915 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, 159, 108)` looks like.

```
.text, #text, p{  
    color:rgb(66, 159, 108)  
}
```

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, 159, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 159, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.3517, 27.0372, 18.4915 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, 159, 108) }
```


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

```
.border{ border-color:rgb(66, 159, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 159, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 159, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 159, 108);  
box-shadow:4px 4px 4px 4px rgb(66, 159,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3517, 27.0372, 18.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 159, 108) }
```

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

```
.background{ background-color: rgb(66, 159,  
108) }
```

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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