

Converting Colors

XYZ(19.1514, 29.2474, 17.4235)

Have a look what the booklet for
XYZ(19.1514, 29.2474, 17.4235)
contains.

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Color

**XYZ(19.2033, 29.3240,
17.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	52A467
RGB	82, 164, 103
RGB Percent	32%, 64%, 40%
CMY	0.6784, 0.3569, 0.5961
CMYK	0.50, 0.00, 0.37, 0.36
HSL	135°, 33%, 48%
HSV	135°, 50%, 64%
XYZ	19.2033, 29.3240, 17.4799
YIQ	132.5280, -29.2910, -36.3550

Conversions

Conversions Part 2

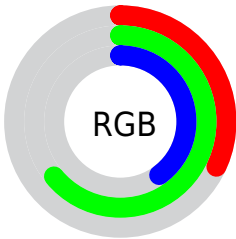
Format	Color
R_{YB}	82, 147, 164
Decimal	5416039
CIE _{Lab}	61.07, -38.79, 24.17
CIE _{LCh}	61, 45.707, 148.068
Yxy	29.3240, 0.2909, 0.4443
Android (android.graphics.Color)	4283606119 (0xFF52A467)
YUV	132.5280, -14.5573, -44.3131
Hunter-Lab	54.1516, -31.4655, 18.7676

Details

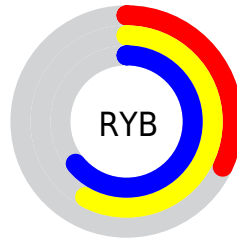
The XYZ color **19.2033, 29.3240, 17.4799** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **23.2860, 15.9109, 27.8315**, and the grayscale version is **22.1822, 23.3374, 25.4145**.

A 20% lighter version of the original color is **41.6629, 58.7872, 40.1615**, and **6.7274, 11.8269, 5.5427** is the 20% darker color. If you saturate the color by 10%, you get **17.3757, 28.4484, 14.4279**, and if you desaturate by 10%, it is **21.4626, 30.4135, 21.0198**.

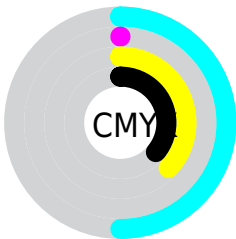
Distribution



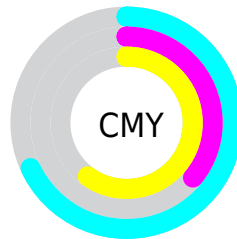
- Red (32%)
- Green (64%)
- Blue (40%)



- Red (32%)
- Yellow (58%)
- Blue (64%)



- Cyan (50%)
- Magenta (0%)
- Yellow (37%)
- Black (36%)



- Cyan (68%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2033, 29.3240, 17.4799 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 19.2033, 29.3240, 17.4799 by changing the saturation by 10% instead.

■ 19.2033, 29.3240,
17.4799

■ 19.2033, 29.3240,
17.4799

240.4854,
298.7406, 250.0598

■ 11.9221, 19.3261,
10.4117

■ 41.5916, 58.5915,
39.9510

■ 6.7625, 11.9061,
5.5636

■ 57.4294, 78.6298,
56.1909

■ 3.3590, 6.6798,
2.5171

■ 76.8502, 102.7837,
76.3251

■ 1.3463, 3.2627,
0.8492

■ 100.2192,
131.4375, 100.7722

■ 0.2175, 1.2703,
0.0000

■ 127.9019,
164.9758, 129.9507

■ 0.0000, 0.1181,
0.0000

160.2636,

■ 0.0000, 0.0000,

203.7828, 164.2791

0.0000

197.6697,
248.2429, 204.1759

■ 19.2033, 29.3240,
17.4799

■ 19.2033, 29.3240,
17.4799

■ 17.3757, 28.4484,
14.4279

■ 21.4626, 30.4135,
21.0198

■ 15.9491, 27.7687,
11.8405

■ 24.1772, 31.7262,
25.0659

■ 14.8921, 27.2702,
9.6952

■ 27.3718, 33.2752,
29.6376

■ 14.1672, 26.9340,
7.9669

■ 31.0683, 35.0714,
34.7531

■ 13.6939, 26.7192,
6.6261

■ 35.2875, 37.1253,
40.4293

■ 40.0490, 39.4464,
46.6828

■ 45.3712, 42.0441,
53.5292

■ 51.2717, 44.9270,
60.9836

■ 57.7675, 48.1037,
69.0606

Harmonies

Analogous

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



22.8011, 29.3240, 10.7866



19.2033, 29.3240, 17.4799



17.8818, 29.3240, 30.8309

Triad

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



19.2033, 29.3240, 17.4799



27.4855, 29.3240, 77.4787



39.3060, 29.3240, 18.7993

Complementary

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



19.2033, 29.3240, 17.4799



23.2860, 15.9109, 27.8315

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.



41.0239, 29.3240, 33.0525



19.2033, 29.3240, 17.4799



33.6430, 29.3240, 70.7212

Square

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



19.2033, 29.3240, 17.4799



22.2185, 29.3240, 68.8506



38.8203, 29.3240, 52.7193



34.4103, 29.3240, 11.3344

Rectangle

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



19.2033, 29.3240, 17.4799



18.3022, 29.3240, 43.2772



38.8203, 29.3240, 52.7193



40.3025, 29.3240, 22.7611

Sweetspot

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



19.2041, 29.3252, 17.4806



52.7321, 61.8788, 58.0509



26.2139, 33.0458, 12.9798



11.2409, 13.3883, 12.2918



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.



19.2041, 29.3252, 17.4806



31.2110, 51.4799, 25.6167



21.7519, 30.3443, 30.8973



7.0565, 7.9234, 7.9095



10.5164, 20.4929, 5.1700



0.2389, 0.4378, 0.2032

Inverse Universe

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



23.2860, 15.9109, 27.8315



39.4622, 24.2788, 46.4767



20.7511, 14.8969, 14.4829



7.2865, 7.1710, 8.4950



14.4523, 7.1370, 14.8385



0.3211, 0.1569, 0.4036

Previews

White Background



This preview shows how the XYZ color 19.2033, 29.3240, 17.4799 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 19.2033, 29.3240, 17.4799 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 19.2033, 29.3240, 17.4799

Background



This preview shows how black text looks on a background with the XYZ color 19.2033, 29.3240, 17.4799.



This preview shows how white text looks on a background with the XYZ color 19.2033, 29.3240,

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

19.2033, 29.3240, 17.4799

Protanopia

26.6883, 28.7732, 15.2135

Deuteranopia

29.3184, 28.7231, 18.1862



Tritanopia

24.0869, 29.2382, 41.9101

Trichromacy



Original Color

19.2033, 29.3240, 17.4799

Protanomaly

23.0034, 28.5086, 16.0947

Deuteranomaly

24.1642, 28.1109, 17.7880

Tritanomaly

21.9226, 29.1159, 31.2526

Monochromacy



Original Color

19.2033, 29.3240, 17.4799

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

20.4255, 24.9291, 22.1476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2033, 29.3240, 17.4799 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(82, 164, 103)` looks like.

```
.text, #text, p{  
    color:rgb(82, 164, 103)  
}
```

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(82, 164, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 164, 103) }
```

Border

The CSS property to change the border of an element to XYZ 19.2033, 29.3240, 17.4799 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(82, 164, 103) }
```


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

```
.border{ border-color:rgb(82, 164, 103) }
```

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

Here you see how a box with a 4 pixel rgb(82, 164, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 164, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 164, 103);  
box-shadow:4px 4px 4px 4px rgb(82, 164,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2033, 29.3240, 17.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 164, 103) }
```

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

```
.background{ background-color: rgb(82, 164,  
103) }
```

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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