

Converting Colors

XYZ(15.0163, 19.0483, 9.8650)

Have a look what the booklet for
XYZ(15.0163, 19.0483, 9.8650)
contains.

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Color

**XYZ(15.0026, 19.0383,
9.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	6A804D
RGB	106, 128, 77
RGB Percent	42%, 50%, 30%
CMY	0.5843, 0.4980, 0.6980
CMYK	0.17, 0.00, 0.40, 0.50
HSL	86°, 25%, 40%
HSV	86°, 40%, 50%
XYZ	15.0026, 19.0383, 9.9052
YIQ	115.6080, 3.2590, -20.5250

Conversions

Conversions Part 2

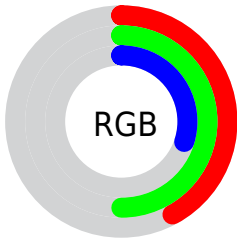
Format	Color
RYB	77, 128, 99
Decimal	6979661
CIELab	50.73, -17.42, 25.11
CIELCh	51, 30.558, 124.757
Yxy	19.0383, 0.3414, 0.4332
Android (android.graphics.Color)	4285169741 (0xFF6A804D)
YUV	115.6080, -19.0337, -8.4262
Hunter-Lab	43.6329, -14.9827, 17.0835

Details

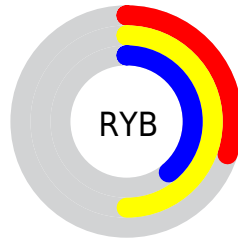
The XYZ color **15.0026, 19.0383, 9.9052** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.6964, 9.5194, 21.6440**, and the grayscale version is **16.5366, 17.3978, 18.9462**.

A 20% lighter version of the original color is **34.4552, 41.8492, 26.3404**, and **4.7306, 6.5608, 2.3133** is the 20% darker color. If you saturate the color by 10%, you get **13.9593, 18.5482, 7.7250**, and if you desaturate by 10%, it is **16.1781, 19.5874, 12.5567**.

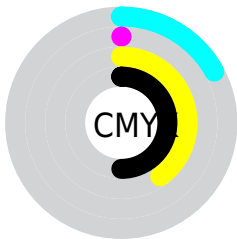
Distribution



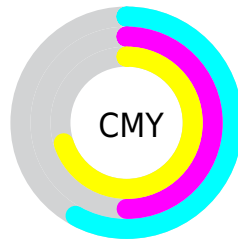
- Red (42%)
- Green (50%)
- Blue (30%)



- Red (30%)
- Yellow (50%)
- Blue (39%)



- Cyan (17%)
- Magenta (0%)
- Yellow (40%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0026, 19.0383, 9.9052 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 15.0026, 19.0383, 9.9052 by changing the saturation by 10% instead.

■ 15.0026, 19.0383,
9.9052

■ 15.0026, 19.0383,
9.9052

216.7700,
246.6601, 200.4543

■ 8.9075, 11.6980,
5.2314

■ 34.4294, 41.7988,
26.2221

■ 4.7375, 6.5384,
2.3225

■ 48.4918, 57.9878,
38.7022

■ 2.1273, 3.1751,
0.7438

■ 65.9407, 77.8950,
54.6214

■ 0.7040, 1.2238,
0.0000

■ 87.1414, 101.9050,
74.3984

■ 0.0000, 0.0810,
0.0000

■ 112.4594,
130.4021, 98.4517

■ 0.0000, 0.0000,
0.0000

142.2599,

163.7708, 127.1997

176.9083,
202.3953, 161.0611

■ 15.0026, 19.0383,
9.9052

■ 15.0026, 19.0383,
9.9052

■ 13.9593, 18.5482,
7.7250

■ 16.1781, 19.5874,
12.5567

■ 13.0407, 18.1122,
5.9872

■ 17.4899, 20.1954,
15.7037

■ 12.2408, 17.7283,
4.6617

■ 18.9438, 20.8653,
19.3702

■ 11.5521, 17.3935,
3.7140

■ 20.5447, 21.5990,
23.5782

■ 10.9661, 17.1044,
3.1043

■ 22.2971, 22.3987,
28.3486

■ 10.4583, 16.8508,
2.7071

■ 24.2056, 23.2661,
33.7010

■ 10.4507, 16.8470,
2.7010

■ 26.2744, 24.2029,
39.6541

■ 28.5075, 25.2110,
46.2259

■ 30.9088, 26.2919,
53.4335

Harmonies

Analogous

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



17.6213, 19.0383, 8.2417



15.0026, 19.0383, 9.9052



13.3641, 19.0383, 14.4533

Triad

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



15.0026, 19.0383, 9.9052



15.7456, 19.0383, 39.5454



24.4726, 19.0383, 19.3898

Complementary

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



15.0026, 19.0383, 9.9052



11.6964, 9.5194, 21.6440

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.



23.8291, 19.0383, 28.6013



15.0026, 19.0383, 9.9052



18.5778, 19.0383, 41.9305

Square

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



15.0026, 19.0383, 9.9052



13.7586, 19.0383, 31.6433



21.5863, 19.0383, 37.4759



23.2592, 19.0383, 12.6671

Rectangle

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



15.0026, 19.0383, 9.9052



12.9384, 19.0383, 19.2564



21.5863, 19.0383, 37.4759



24.4674, 19.0383, 22.2758

Sweetspot

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



15.0031, 19.0391, 9.9056



32.7059, 36.4377, 32.4465



14.6334, 13.9079, 8.9347



7.5938, 8.5018, 7.4350



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.0031, 19.0391, 9.9056



24.7046, 32.7161, 13.8571



12.4741, 17.7354, 9.7873



4.4917, 4.9299, 4.6350



10.3637, 16.7051, 2.6782



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.6964, 9.5194, 21.6440



18.0200, 13.4598, 37.6045



14.8269, 11.1332, 21.7905



4.2711, 4.2954, 5.4172



5.4392, 2.3577, 20.4184



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0026, 19.0383, 9.9052 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 15.0026, 19.0383, 9.9052 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 15.0026, 19.0383, 9.9052

Background



This preview shows how black text looks on a background with the XYZ color 15.0026, 19.0383, 9.9052.



This preview shows how white text looks on a background with the XYZ color 15.0026, 19.0383,

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

15.0026, 19.0383, 9.9052

Protanopia

17.5891, 19.0747, 9.2333

Deuteranopia

19.2558, 18.8604, 10.2149



Tritanopia

17.9957, 19.1352, 24.2177

Trichromacy



Original Color

15.0026, 19.0383, 9.9052

Protanomaly

16.6460, 19.1343, 9.4726

Deuteranomaly

17.4878, 18.8227, 10.1086

Tritanomaly

16.6324, 18.9425, 17.8186

Monochromacy



Original Color

15.0026, 19.0383, 9.9052

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.7968, 17.8370, 15.1807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0026, 19.0383, 9.9052 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(106, 128, 77)` looks like.

```
.text, #text, p{  
    color:rgb(106, 128, 77)  
}
```

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(106, 128, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 128, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.0026, 19.0383, 9.9052 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(106, 128, 77) }
```


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

```
.border{ border-color:rgb(106, 128, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 128, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 128, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 128, 77);  
box-shadow:4px 4px 4px 4px rgb(106, 128,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0026, 19.0383, 9.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 128, 77) }
```

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

```
.background{ background-color: rgb(106,  
128, 77) }
```

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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