

Converting Colors

XYZ(19.0785, 16.3611, 4.8876)

Have a look what the booklet for
XYZ(19.0785, 16.3611, 4.8876)
contains.

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Color

**XYZ(19.0755, 16.3980,
4.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	9E632F
RGB	158, 99, 47
RGB Percent	62%, 39%, 18%
CMY	0.3804, 0.6117, 0.8157
CMYK	0.00, 0.37, 0.70, 0.38
HSL	28°, 54%, 40%
HSV	28°, 70%, 62%
XYZ	19.0755, 16.3980, 4.8491
YIQ	110.7130, 51.8560, -3.6640

Conversions

Conversions Part 2

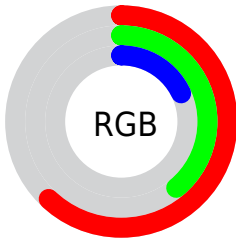
Format	Color
R_{YB}	158, 145, 47
Decimal	10380079
CIE _{Lab}	47.49, 19.07, 38.58
CIE _{LCh}	47, 43.032, 63.700
Yxy	16.3980, 0.4731, 0.4067
Android (android.graphics.Color)	4288570159 (0xFF9E632F)
YUV	110.7130, -31.4105, 41.4707
Hunter-Lab	40.4944, 13.2198, 21.2463

Details

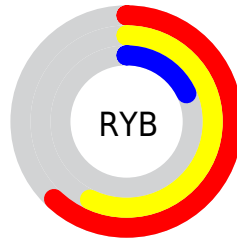
The XYZ color **19.0755, 16.3980, 4.8491** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.4976, 13.3805, 34.2716**, and the grayscale version is **15.1042, 15.8908, 17.3051**.

A 20% lighter version of the original color is **41.2908, 37.2378, 15.8378**, and **6.7075, 5.2808, 0.6658** is the 20% darker color. If you saturate the color by 10%, you get **18.0580, 14.7842, 3.2122**, and if you desaturate by 10%, it is **20.2919, 18.2252, 7.1220**.

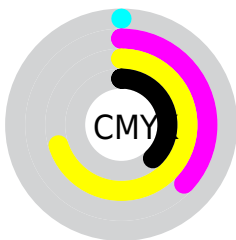
Distribution



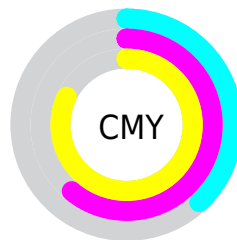
- Red (62%)
- Green (39%)
- Blue (18%)



- Red (62%)
- Yellow (57%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0755, 16.3980, 4.8491 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 19.0755, 16.3980, 4.8491 by changing the saturation by 10% instead.

■ 19.0755, 16.3980,
4.8491

■ 19.0755, 16.3980,
4.8491

239.7954,
231.6789, 157.2413

■ 11.8292, 9.8062,
2.1018

■ 41.3775, 37.2878,
15.9250

■ 6.6988, 5.2707,
0.6168

■ 57.1639, 52.3546,
25.0907

■ 3.3191, 2.4069,
0.0000

■ 76.5277, 71.0152,
37.2329

■ 1.3247, 0.8295,
0.0000

■ 99.8343, 93.6540,
52.7703

■ 0.2016, 0.0000,
0.0000

■ 127.4490,
120.6553, 72.1212

■ 0.0000, 0.0000,
0.0000

■ 159.7372,

152.4037, 95.7043

197.0642,
189.2834, 123.9382

■ 19.0755, 16.3980,
4.8491

■ 19.0755, 16.3980,
4.8491

■ 18.0580, 14.7842,
3.2122

■ 20.2919, 18.2252,
7.1220

■ 17.2227, 13.3709,
2.1402

■ 21.7197, 20.2725,
10.0896

■ 16.5508, 12.1697,
1.4767

■ 23.3714, 22.5493,
13.8051

■ 25.2582, 25.0637,
18.3160

■ 27.3903, 27.8231,
23.6660

■ 29.7774, 30.8348,
29.8955

■ 32.4286, 34.1055,
37.0421

■ 35.3523, 37.6418,
45.1416

■ 38.5567, 41.4500,
54.2274

Harmonies

Analogous

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



22.5374, 16.3980, 8.5348



19.0755, 16.3980, 4.8491



15.1162, 16.3980, 4.0075

Triad

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



19.0755, 16.3980, 4.8491



9.3401, 16.3980, 19.2482



20.0313, 16.3980, 41.7254

Complementary

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



19.0755, 16.3980, 4.8491



12.4976, 13.3805, 34.2716

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.



16.0651, 16.3980, 48.1867



19.0755, 16.3980, 4.8491



10.2345, 16.3980, 32.2706

Square

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



19.0755, 16.3980, 4.8491



9.8802, 16.3980, 10.0560



12.5500, 16.3980, 44.1643



23.1496, 16.3980, 28.9030

Rectangle

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



19.0755, 16.3980, 4.8491



12.8135, 16.3980, 4.6817



12.5500, 16.3980, 44.1643



18.7317, 16.3980, 44.9069

Sweetspot

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



19.0759, 16.3988, 4.8494



49.2690, 49.9232, 41.7717



17.7291, 10.3470, 14.7532



10.8749, 10.9559, 8.8270



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.



19.0759, 16.3988, 4.8494



31.9368, 25.4208, 4.6658



26.2188, 30.6846, 7.2304



6.8764, 7.1328, 7.0000



13.2944, 9.8245, 1.1956



0.2797, 0.2597, 0.0354

Inverse Universe

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



12.4976, 13.3805, 34.2716



19.2034, 19.5414, 61.5032



8.5147, 5.4147, 32.9440



6.5619, 6.9896, 8.4100



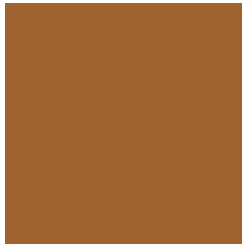
7.5202, 7.1320, 26.8875



0.1766, 0.2119, 0.4948

Previews

White Background



This preview shows how the XYZ color 19.0755, 16.3980, 4.8491 looks on a white 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

Black Background



This preview shows how the XYZ color 19.0755, 16.3980, 4.8491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

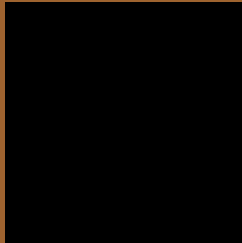
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0755, 16.3980, 4.8491

Background



This preview shows how black text looks on a background with the XYZ color 19.0755, 16.3980, 4.8491.



This preview shows how white text looks on a background with the XYZ color 19.0755, 16.3980,

4.8491.

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

19.0755, 16.3980, 4.8491

Protanopia

15.1069, 16.4849, 5.5177

Deuteranopia

16.8207, 16.5773, 4.7958



Tritanopia

20.9125, 16.3259, 14.1056

Trichromacy



Original Color

19.0755, 16.3980, 4.8491

Protanomaly

16.4195, 16.3587, 5.3098

Deuteranomaly

17.5773, 16.5035, 4.8438

Tritanomaly

20.0746, 16.2521, 9.8635

Monochromacy



Original Color

19.0755, 16.3980, 4.8491

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9212, 15.8092, 11.4449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0755, 16.3980, 4.8491 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(158, 99, 47)` looks like.

```
.text, #text, p{  
    color:rgb(158, 99, 47)  
}
```

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(158, 99, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 99, 47) }
```

Border

The CSS property to change the border of an element to XYZ 19.0755, 16.3980, 4.8491 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(158, 99, 47) }
```


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

```
.border{ border-color:rgb(158, 99, 47) }
```

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

Here you see how a box with a 4 pixel rgb(158, 99, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 99, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 99, 47);  
box-shadow:4px 4px 4px 4px rgb(158, 99,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0755, 16.3980, 4.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 99, 47) }
```

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

```
.background{ background-color: rgb(158, 99,  
47) }
```

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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