

Converting Colors

XYZ(19.1176, 16.1389, 2.6019)

Have a look what the booklet for
XYZ(19.1176, 16.1389, 2.6019)
contains.

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Color

**XYZ(19.0662, 16.1639,
2.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	A16110
RGB	161, 97, 16
RGB Percent	63%, 38%, 6%
CMY	0.3686, 0.6196, 0.9372
CMYK	0.00, 0.40, 0.90, 0.37
HSL	34°, 82%, 35%
HSV	34°, 90%, 63%
XYZ	19.0662, 16.1639, 2.6053
YIQ	106.9020, 64.1450, -11.6230

Conversions

Conversions Part 2

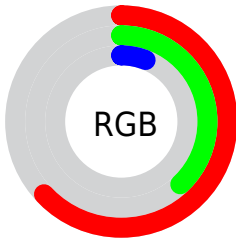
Format	Color
R_{YB}	131, 161, 16
Decimal	10576144
CIE Lab	47.19, 20.33, 51.31
CIE LCh	47, 55.194, 68.390
Yxy	16.1639, 0.5039, 0.4272
Android (android.graphics.Color)	4288766224 (0xFFA16110)
YUV	106.9020, -44.8147, 47.4439
Hunter-Lab	40.2044, 14.2928, 24.3010

Details

The XYZ color **19.0662, 16.1639, 2.6053** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.5154, 8.4206, 34.8418**, and the grayscale version is **14.0564, 14.7884, 16.1046**.

A 20% lighter version of the original color is **41.4829, 36.9816, 10.5820**, and **6.8495, 5.2243, 0.6474** is the 20% darker color. If you saturate the color by 10%, you get **18.3490, 14.8794, 1.9049**, and if you desaturate by 10%, it is **19.9215, 17.6048, 3.7221**.

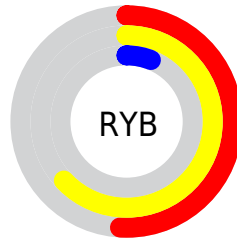
Distribution



Red (63%)

Green (38%)

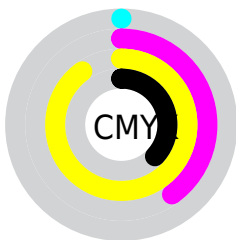
Blue (6%)



Red (51%)

Yellow (63%)

Blue (6%)

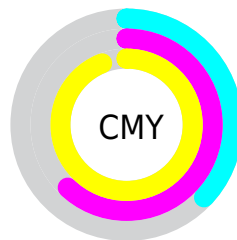


Cyan (0%)

Magenta (40%)

Yellow (90%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0662, 16.1639, 2.6053 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 19.0662, 16.1639, 2.6053 by changing the saturation by 10% instead.

■ 19.0662, 16.1639,
2.6053

■ 19.0662, 16.1639,
2.6053

239.7451,
230.3069, 131.1629

■ 11.8224, 9.6402,
0.8952

■ 41.3619, 36.8825,
10.6379

■ 6.6942, 5.1611,
0.0000

■ 57.1446, 51.8462,
17.7991

■ 3.3162, 2.3421,
0.0000

■ 76.5043, 70.3920,
27.6149

■ 1.3231, 0.7958,
0.0000

■ 99.8063, 92.9044,
40.5040


■ 0.2004, 0.0000,
0.0000


■ 127.4160,
119.7677, 56.8848


■ 0.0000, 0.0000,
0.0000


■ 159.6988,


151.3663, 77.1758


 197.0201,
188.0845, 101.7957


 19.0662, 16.1639,
2.6053

 19.0662, 16.1639,
2.6053


 18.3490, 14.8794,
1.9049

 19.9215, 17.6048,
3.7221

 20.9437, 19.2083,
5.4222

 22.1484, 20.9836,
7.7790

 23.5488, 22.9381,
10.8544

 25.1564, 25.0787,
14.7033

■ 26.9818, 27.4115,
19.3752

■ 29.0349, 29.9426,
24.9153

■ 31.3248, 32.6776,
31.3655

■ 33.8599, 35.6218,
38.7651

Harmonies

Analogous

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



23.9083, 16.1639, 5.6665



19.0662, 16.1639, 2.6053



14.0404, 16.1639, 2.1842

Triad

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



19.0662, 16.1639, 2.6053



7.8519, 16.1639, 21.7982



21.9240, 16.1639, 47.9928

Complementary

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



19.0662, 16.1639, 2.6053



9.5154, 8.4206, 34.8418

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.



16.7668, 16.1639, 59.5410



19.0662, 16.1639, 2.6053



9.1438, 16.1639, 39.9853

Square

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



19.0662, 16.1639, 2.6053



8.2131, 16.1639, 9.4722



12.1738, 16.1639, 56.0209



25.7855, 16.1639, 29.4034

Rectangle

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



19.0662, 16.1639, 2.6053



11.3366, 16.1639, 2.9976



12.1738, 16.1639, 56.0209



20.2458, 16.1639, 53.1775

Sweetspot

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



19.0666, 16.1647, 2.6056



49.2215, 50.2148, 37.0808



16.3779, 8.5456, 8.6206



10.5513, 10.7081, 7.4878



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.



19.0666, 16.1647, 2.6056



32.6622, 26.2487, 3.3450



26.1172, 32.3725, 5.3624



7.3865, 7.7114, 7.4792



14.6960, 11.9660, 1.5351



0.3549, 0.3436, 0.0476

Inverse Universe

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



9.5154, 8.4206, 34.8418



15.3732, 12.3127, 61.9529



6.9776, 3.1291, 33.9542



6.9457, 7.3504, 8.9558



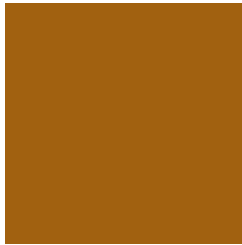
6.9798, 5.7390, 27.6696



0.1935, 0.2142, 0.5970

Previews

White Background



This preview shows how the XYZ color 19.0662, 16.1639, 2.6053 looks on a white background.

Color Contrast Check

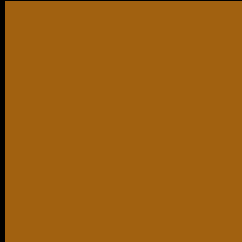
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0662, 16.1639, 2.6053 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 19.0662, 16.1639, 2.6053

Background



This preview shows how black text looks on a background with the XYZ color 19.0662, 16.1639, 2.6053.



This preview shows how white text looks on a background with the XYZ color 19.0662, 16.1639,

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

19.0662, 16.1639, 2.6053

Protanopia

14.7929, 16.3764, 3.0908

Deuteranopia

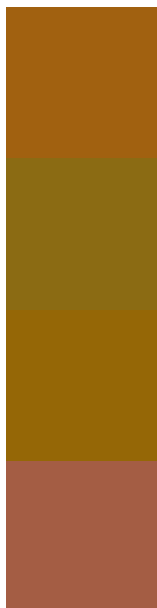
16.4130, 16.2662, 2.2746



Tritanopia

21.3309, 16.1747, 13.3070

Trichromacy



Original Color

19.0662, 16.1639, 2.6053

Protanomaly

16.0227, 16.0514, 2.8698

Deuteranomaly

17.2775, 16.1032, 2.3699

Tritanomaly

20.2676, 16.1386, 7.5157

Monochromacy



Original Color

19.0662, 16.1639, 2.6053

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8387, 14.7069, 8.5352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0662, 16.1639, 2.6053 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(161, 97, 16)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 16)  
}
```

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(161, 97, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 16) }
```

Border

The CSS property to change the border of an element to XYZ 19.0662, 16.1639, 2.6053 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(161, 97, 16) }
```


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

```
.border{ border-color:rgb(161, 97, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 97, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 16);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0662, 16.1639, 2.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 16) }
```

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

```
.background{ background-color: rgb(161, 97,  
16) }
```

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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