

Converting Colors

XYZ(19.0696, 16.6517, 10.2090)

Have a look what the booklet for
XYZ(19.0696, 16.6517, 10.2090)
contains.

XYZ(19.0369, 16.6912, 10.2010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0369, 16.6912,
10.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	976652
RGB	151, 102, 82
RGB Percent	59%, 40%, 32%
CMY	0.4078, 0.6000, 0.6784
CMYK	0.00, 0.32, 0.46, 0.41
HSL	17°, 30%, 46%
HSV	17°, 46%, 59%
XYZ	19.0369, 16.6912, 10.2010
YIQ	114.3710, 35.6240, 4.1680

Conversions

Conversions Part 2

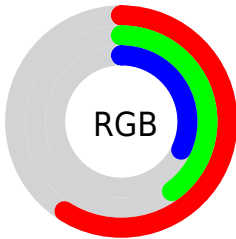
Format	Color
R_{YB}	151, 110, 82
Decimal	9922130
CIE Lab	47.87, 17.25, 19.28
CIE LCh	48, 25.870, 48.189
Yxy	16.6912, 0.4145, 0.3634
Android (android.graphics.Color)	4288112210 (0xFF976652)
YUV	114.3710, -15.9589, 32.1236
Hunter-Lab	40.8549, 11.6786, 13.7944

Details

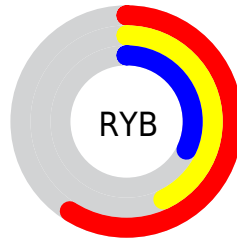
The XYZ color **19.0369, 16.6912, 10.2010** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1817, 20.2602, 32.2833**, and the grayscale version is **16.1450, 16.9858, 18.4976**.

A 20% lighter version of the original color is **41.2882, 37.7138, 26.9332**, and **6.7371, 5.4626, 2.4496** is the 20% darker color. If you saturate the color by 10%, you get **17.5379, 14.5137, 7.1717**, and if you desaturate by 10%, it is **20.7996, 19.1936, 13.9424**.

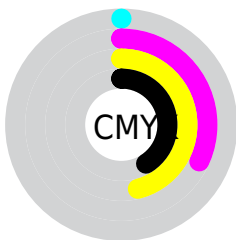
Distribution



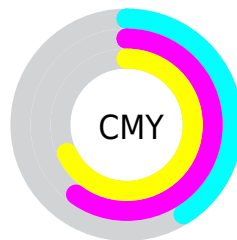
- Red (59%)
- Green (40%)
- Blue (32%)



- Red (59%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0369, 16.6912, 10.2010 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 19.0369, 16.6912, 10.2010 by changing the saturation by 10% instead.

■ 19.0369, 16.6912,
10.2010

■ 19.0369, 16.6912,
10.2010

239.5866,
233.3865, 202.6373

■ 11.8011, 10.0146,
5.4251

■ 41.3128, 37.7941,
26.7866

■ 6.6796, 5.4086,
2.4357

■ 57.0837, 52.9891,
39.4333

■ 3.3071, 2.4890,
0.8058

■ 76.4303, 71.7924,
55.5408

■ 1.3182, 0.8711,
0.0000

■ 99.7179, 94.5883,
75.5275

■ 0.1968, 0.0000,
0.0000

■ 127.3120,
121.7613, 99.8119

■ 0.0000, 0.0000,
0.0000

159.5780,

153.6958, 128.8127

196.8810,
190.7760, 162.9483

■ 19.0369, 16.6912,
10.2010

■ 19.0369, 16.6912,
10.2010

■ 17.5379, 14.5137,
7.1717

■ 20.7996, 19.1936,
13.9424

■ 16.2876, 12.6449,
4.8076

■ 22.8372, 22.0312,
18.4368

■ 15.2717, 11.0709,
3.0577

■ 25.1618, 25.2171,
23.7229

■ 14.4734, 9.7753,
1.8630

■ 27.7844, 28.7628,
29.8367

■ 13.8712, 8.7396,
1.1425

■ 30.7155, 32.6792,
36.8119

■ 13.6549, 8.3640,
0.8947

■ 33.9648, 36.9769,
44.6802

■ 37.5418, 41.6659,
53.4719

■ 41.4555, 46.7560,
63.2156

■ 45.7146, 52.2564,
73.9390

Harmonies

Analogous

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



20.5041, 16.6912, 14.4616



19.0369, 16.6912, 10.2010



16.7977, 16.6912, 8.2983

Triad

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



19.0369, 16.6912, 10.2010



11.8770, 16.6912, 15.6761



17.3019, 16.6912, 33.2608

Complementary

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



19.0369, 16.6912, 10.2010



17.1817, 20.2602, 32.2833

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.



14.9665, 16.6912, 33.8157



19.0369, 16.6912, 10.2010



11.9835, 16.6912, 22.4725

Square

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



19.0369, 16.6912, 10.2010



12.7590, 16.6912, 10.9021



13.0657, 16.6912, 29.4902



19.4370, 16.6912, 28.1206

Rectangle

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



19.0369, 16.6912, 10.2010



15.2359, 16.6912, 8.2152



13.0657, 16.6912, 29.4902



16.5101, 16.6912, 34.0288

Sweetspot

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



19.0373, 16.6920, 10.2013



45.6931, 46.0193, 43.9421



19.9073, 14.2650, 23.3374



10.1830, 10.1842, 9.5206



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.0373, 16.6920, 10.2013



31.3086, 25.8456, 12.6489



23.0969, 24.8111, 11.5545



6.3474, 6.5000, 6.5259



11.6386, 7.1595, 0.7685



0.2024, 0.1639, 0.0210

Inverse Universe

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



17.1817, 20.2602, 32.2833



27.5251, 33.0195, 57.3564



13.3358, 12.5685, 31.0014



6.2332, 6.7239, 7.8983



9.2702, 10.9371, 26.5302



0.1693, 0.2250, 0.4069

Previews

White Background



This preview shows how the XYZ color 19.0369, 16.6912, 10.2010 looks on a white background.

Color Contrast Check

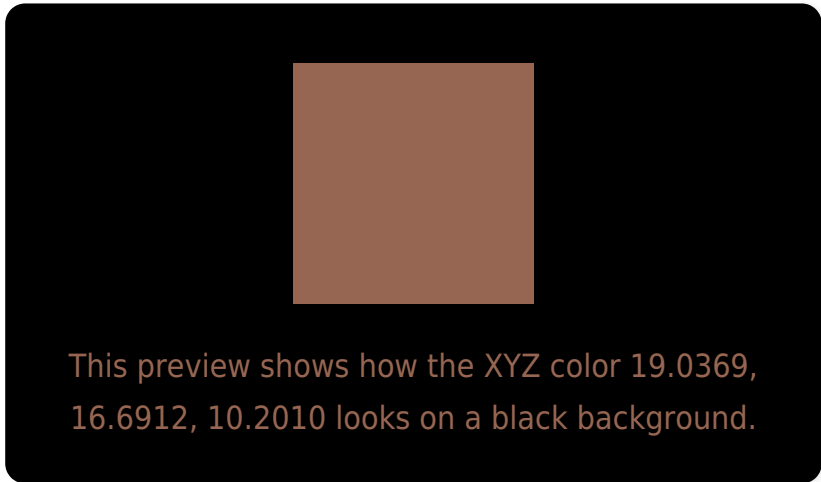
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 19.0369, 16.6912, 10.2010

Background



This preview shows how black text looks on a background with the XYZ color 19.0369, 16.6912, 10.2010.



This preview shows how white text looks on a background with the XYZ color 19.0369, 16.6912,

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

19.0369, 16.6912, 10.2010

Protanopia

15.7637, 16.8603, 11.4404

Deuteranopia

17.1072, 16.7656, 10.1190



Tritanopia

20.2002, 16.7366, 15.8015

Trichromacy



Original Color

19.0369, 16.6912, 10.2010

Protanomaly

16.8885, 16.7943, 10.9458

Deuteranomaly

17.6237, 16.5649, 10.0530

Tritanomaly

19.6637, 16.6528, 13.4872

Monochromacy



Original Color

19.0369, 16.6912, 10.2010

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.7266, 16.6232, 14.8974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0369, 16.6912, 10.2010 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(151, 102, 82)` looks like.

```
.text, #text, p{  
    color:rgb(151, 102, 82)  
}
```

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(151, 102, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 102, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.0369, 16.6912, 10.2010 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(151, 102, 82) }
```


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

```
.border{ border-color:rgb(151, 102, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 102, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 102, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 102, 82);  
box-shadow:4px 4px 4px 4px rgb(151, 102,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0369, 16.6912, 10.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 102, 82) }
```

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

```
.background{ background-color: rgb(151,  
102, 82) }
```

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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