

Converting Colors

XYZ(19.0377, 13.1798, 6.0094)

Have a look what the booklet for
XYZ(19.0377, 13.1798, 6.0094)
contains.

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Color

**XYZ(19.0960, 13.1871,
5.9538)**

Conversions

Conversions Part 1

Format	Color
Hex	A7483D
RGB	167, 72, 61
RGB Percent	65%, 28%, 24%
CMY	0.3451, 0.7176, 0.7608
CMYK	0.00, 0.57, 0.63, 0.35
HSL	6°, 46%, 45%
HSV	6°, 63%, 65%
XYZ	19.0960, 13.1871, 5.9538
YIQ	99.1510, 60.1510, 16.7190

Conversions

Conversions Part 2

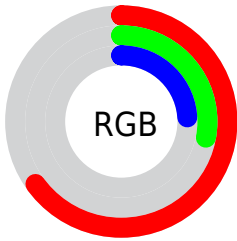
Format	Color
RYB	167, 73, 61
Decimal	10963005
CIELab	43.04, 38.35, 25.89
CIELCh	43, 46.267, 34.024
Yxy	13.1871, 0.4994, 0.3449
Android (android.graphics.Color)	4289153085 (0xFFA7483D)
YUV	99.1510, -18.8084, 59.5036
Hunter-Lab	36.3140, 30.3159, 15.6991

Details

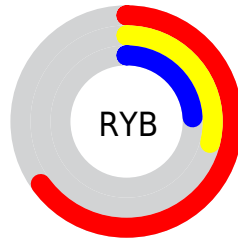
The XYZ color **19.0960, 13.1871, 5.9538** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.7872, 27.5574, 40.7825**, and the grayscale version is **11.9335, 12.5550, 13.6724**.

A 20% lighter version of the original color is **41.6465, 31.8503, 18.4207**, and **6.6660, 3.7952, 0.9535** is the 20% darker color. If you saturate the color by 10%, you get **17.8616, 11.3297, 3.6581**, and if you desaturate by 10%, it is **20.7066, 15.5730, 9.0662**.

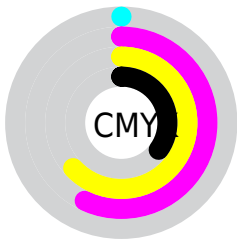
Distribution



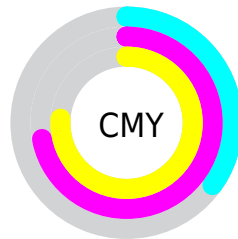
- Red (65%)
- Green (28%)
- Blue (24%)



- Red (65%)
- Yellow (29%)
- Blue (24%)



- Cyan (0%)
- Magenta (57%)
- Yellow (63%)
- Black (35%)





- Cyan (35%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0960, 13.1871, 5.9538 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 19.0960, 13.1871, 5.9538 by changing the saturation by 10% instead.


 19.0960, 13.1871,
5.9538


 19.0960, 13.1871,
5.9538


239.9062,
212.1133, 167.9499


 11.8441, 7.5575,
2.7487


 41.4119, 31.6395,
18.3109


 6.7090, 3.8131,
0.9678


 57.2065, 45.2311,
28.3000


 3.3255, 1.5696,
0.0000

 76.5795, 62.2455,
41.3875

 1.3281, 0.3370,
0.0000

 99.8961, 83.0671,
57.9919

 0.2041, 0.0000,
0.0000

 127.5217,
108.0803, 78.5319

 0.0000, 0.0000,
0.0000

 159.8217,

137.6695, 103.4258

197.1614,
172.2190, 133.0923

■ 19.0960, 13.1871,
5.9538

■ 19.0960, 13.1871,
5.9538

■ 17.8616, 11.3297,
3.6581

■ 20.7066, 15.5730,
9.0662

■ 16.9717, 9.9585,
2.1014

■ 22.7200, 18.5214,
13.0617

■ 16.3905, 9.0282,
1.1923

■ 25.1612, 22.0656,
18.0010

■ 16.1420, 8.6269,
0.8144

■ 28.0531, 26.2361,
23.9389

■ 31.4170, 31.0610,
30.9262

■ 35.2726, 36.5669,
39.0101

■ 39.6387, 42.7789,
48.2351

■ 44.5330, 49.7206,
58.6432

■ 49.9724, 57.4147,
70.2741

Harmonies

Analogous

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



20.6643, 13.1871, 13.0280



19.0960, 13.1871, 5.9538



15.7727, 13.1871, 2.9704

Triad

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



19.0960, 13.1871, 5.9538



7.3383, 13.1871, 7.3774



13.0198, 13.1871, 44.0793

Complementary

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



19.0960, 13.1871, 5.9538



20.7872, 27.5574, 40.7825

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.



9.7720, 13.1871, 40.1281



19.0960, 13.1871, 5.9538



6.8768, 13.1871, 15.7766

Square

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



19.0960, 13.1871, 5.9538



9.0849, 13.1871, 3.4773



7.6792, 13.1871, 28.3347



16.7611, 13.1871, 37.4635

Rectangle

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



19.0960, 13.1871, 5.9538



13.2592, 13.1871, 2.3627



7.6792, 13.1871, 28.3347



11.8356, 13.1871, 43.9567

Sweetspot

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



19.0963, 13.1878, 5.9540



52.6243, 50.4101, 47.8068



23.6397, 13.9669, 33.0802



11.4162, 10.7637, 9.9521



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.0963, 13.1878, 5.9540



31.2969, 19.2328, 5.3139



24.0617, 23.1186, 7.6091



7.5915, 7.6630, 7.8683



12.3705, 6.6383, 0.6293



0.3197, 0.1989, 0.0215

Inverse Universe

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



20.7872, 27.5574, 40.7825



34.4819, 46.8730, 72.7053



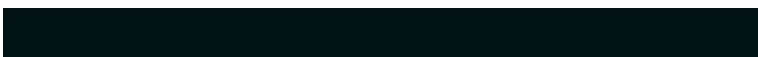
13.7897, 13.5625, 38.4500



7.6800, 8.3970, 9.6343



13.6628, 18.7857, 30.8814



0.3508, 0.4938, 0.7575

Previews

White Background



This preview shows how the XYZ color 19.0960, 13.1871, 5.9538 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 19.0960, 13.1871, 5.9538

Background



This preview shows how black text looks on a background with the XYZ color 19.0960, 13.1871, 5.9538.



This preview shows how white text looks on a background with the XYZ color 19.0960, 13.1871,

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

19.0960, 13.1871, 5.9538

Protanopia

12.3844, 13.2988, 8.2175

Deuteranopia

13.5389, 13.3809, 5.6106



Tritanopia

19.6086, 13.2131, 8.1735

Trichromacy



Original Color

19.0960, 13.1871, 5.9538

Protanomaly

14.1753, 12.7371, 7.3416

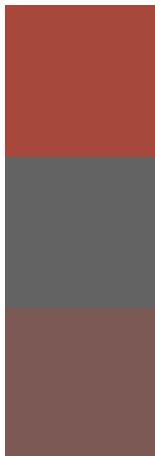
Deuteranomaly

15.1513, 13.0257, 5.7186

Tritanomaly

19.5072, 13.2735, 7.3283

Monochromacy



Original Color

19.0960, 13.1871, 5.9538

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.5243, 12.0857, 10.2143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0960, 13.1871, 5.9538 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(167, 72, 61)` looks like.

```
.text, #text, p{  
    color:rgb(167, 72, 61)  
}
```

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(167, 72, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 72, 61) }
```

Border

The CSS property to change the border of an element to XYZ 19.0960, 13.1871, 5.9538 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(167, 72, 61) }
```


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

```
.border{ border-color:rgb(167, 72, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 72, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 72, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 72, 61);  
box-shadow:4px 4px 4px 4px rgb(167, 72,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0960, 13.1871, 5.9538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 72, 61) }
```

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

```
.background{ background-color: rgb(167, 72,  
61) }
```

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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