

Converting Colors

XYZ(19.0803, 9.8857, 0.9040)

Have a look what the booklet for
XYZ(19.0803, 9.8857, 0.9040)
contains.

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Color

**XYZ(19.0886, 9.8889,
0.9027)**

Conversions

Conversions Part 1

Format	Color
Hex	B50300
RGB	181, 3, 0
RGB Percent	71%, 1%, 0%
CMY	0.2902, 0.9881, 1.0000
CMYK	0.00, 0.98, 1.00, 0.29
HSL	1°, 100%, 35%
HSV	1°, 100%, 71%
XYZ	19.0886, 9.8889, 0.9027
YIQ	55.8800, 107.0510, 36.8030

Conversions

Conversions Part 2

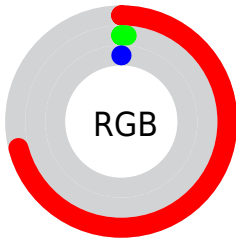
Format	Color
R_{YB}	181, 3, 0
Decimal	11862784
CIE Lab	37.64, 61.59, 51.99
CIE LCh	38, 80.599, 40.168
Yxy	9.8889, 0.6388, 0.3310
Android (android.graphics.Color)	4290052864 (0xFFB50300)
YUV	55.8800, -27.5488, 109.7302
Hunter-Lab	31.4466, 53.3208, 20.3107

Details

The XYZ color **19.0886, 9.8889, 0.9027** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **24.2541, 35.1635, 49.2245**, and the grayscale version is **3.7705, 3.9669, 4.3200**.

A 20% lighter version of the original color is **41.4504, 25.5604, 5.7666**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.0888, 9.8895, 0.9028**, and if you desaturate by 10%, it is **19.4309, 10.3978, 1.5595**.

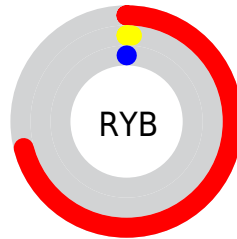
Distribution



Red (71%)

Green (1%)

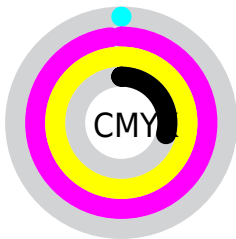
Blue (0%)



Red (71%)

Yellow (1%)

Blue (0%)

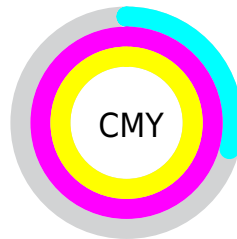


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (99%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0886, 9.8889, 0.9027 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 19.0886, 9.8889, 0.9027 by changing the saturation by 10% instead.


 19.0886, 9.8889,
0.9027


 19.0886, 9.8889,
0.9027


 239.8662,
189.8773, 101.9636


 11.8387, 5.3254,
0.0000


 41.3995, 25.5863,
5.7374


 6.7054, 2.4394,
0.0000


 57.1912, 37.4890,
10.6752


 3.3232, 0.8460,
0.0000

 76.5608, 52.6068,
17.8516

 1.3269, 0.0000,
0.0000

 99.8738, 71.3242,
27.6853


 0.2032, 0.0000,
0.0000


 127.4955, 94.0256,
40.5948

 0.0000, 0.0000,
0.0000


 159.7912,


121.0953, 56.9987


 197.1263,
152.9177, 77.3154


 19.0886, 9.8889,
0.9027


 19.0886, 9.8889,
0.9027


 19.0888, 9.8895,
0.9028

 19.4309, 10.3978,
1.5595

 20.0907, 11.3790,
2.8227

 21.1637, 12.9625,
4.9138

 22.7023, 15.2239,
7.9417

 24.7514, 18.2278,
11.9989

■ 27.3507, 22.0311,
17.1666

■ 30.5357, 26.6852,
23.5181

■ 34.3392, 32.2375,
31.1203

■ 38.7913, 38.7314,
40.0352

Harmonies

Analogous

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



22.7732, 9.8889, 6.5232



19.0886, 9.8889, 0.9027



13.1437, 9.8889, 0.0000

Triad

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



19.0886, 9.8889, 0.9027



2.8534, 9.8889, 3.7623



11.2432, 9.8889, 69.0386

Complementary

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



19.0886, 9.8889, 0.9027



24.2541, 35.1635, 49.2245

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.



6.4432, 9.8889, 64.8882



19.0886, 9.8889, 0.9027



2.6642, 9.8889, 16.5404

Square

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



19.0886, 9.8889, 0.9027



4.3777, 9.8889, 0.2314



3.7111, 9.8889, 41.0443



17.2716, 9.8889, 49.7835

Rectangle

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



19.0886, 9.8889, 0.9027



9.3703, 9.8889, 0.0000



3.7111, 9.8889, 41.0443



9.4279, 9.8889, 70.5753

Sweetspot

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



19.0888, 9.8895, 0.9028



54.3770, 47.3370, 41.4972



27.0900, 13.0373, 43.1989



11.2182, 9.4503, 7.9024



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



19.0888, 9.8895, 0.9028



34.1717, 17.6795, 1.6114



23.0158, 17.7434, 2.2118



8.5074, 8.5273, 8.8501



13.1647, 6.8280, 0.6241



0.4180, 0.2224, 0.0209

Inverse Universe

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



24.2541, 35.1635, 49.2245



43.4209, 62.9416, 88.1550



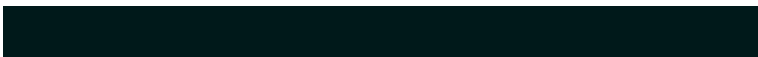
11.7879, 10.2312, 45.0691



8.7302, 9.6066, 10.9005



16.7258, 24.2520, 33.9366



0.5301, 0.7707, 1.0691

Previews

White Background



This preview shows how the XYZ color 19.0886, 9.8889, 0.9027 looks on a white background.

Color Contrast Check

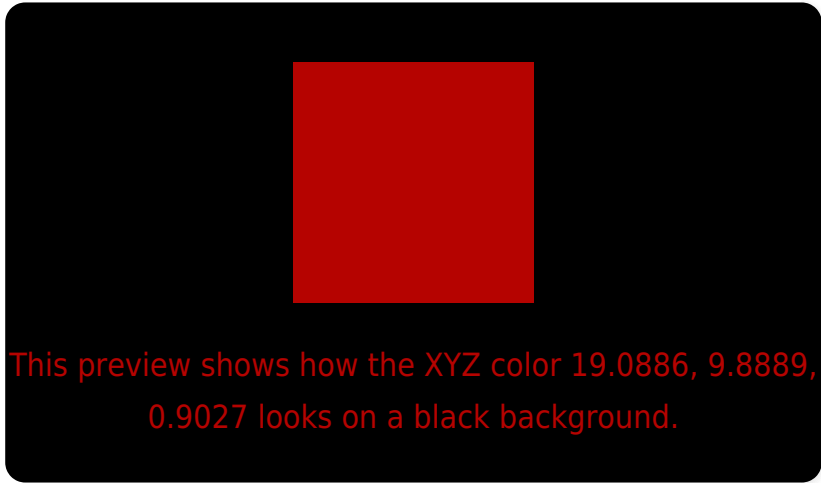
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 19.0886, 9.8889, 0.9027

Background



This preview shows how black text looks on a background with the XYZ color 19.0886, 9.8889, 0.9027.



This preview shows how white text looks on a background with the XYZ color 19.0886, 9.8889,

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

19.0886, 9.8889, 0.9027

Protanopia

9.5753, 10.5997, 2.3519

Deuteranopia

10.4784, 10.4612, 1.4669



Tritanopia

19.0228, 10.1042, 0.9477

Trichromacy



Original Color

19.0886, 9.8889, 0.9027

Protanomaly

11.0622, 8.0915, 1.4307

Deuteranomaly

12.0616, 8.3173, 0.9697

Tritanomaly

18.9539, 9.9662, 0.9247

Monochromacy



Original Color

19.0886, 9.8889, 0.9027

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.3468, 4.2172, 2.1486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0886, 9.8889, 0.9027 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(181, 3, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 3, 0)  
}
```

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(181, 3, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 3, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.0886, 9.8889, 0.9027 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(181, 3, 0) }
```


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

```
.border{ border-color:rgb(181, 3, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 3, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 3, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(181, 3, 0); box-shadow:4px  
4px 4px 4px rgb(181, 3, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0886, 9.8889, 0.9027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 3, 0) }
```

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

```
.background{ background-color: rgb(181, 3,  
0) }
```

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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