

Converting Colors

XYZ(19.2340, 9.8963, 1.7674)

Have a look what the booklet for
XYZ(19.2340, 9.8963, 1.7674)
contains.

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Color

**XYZ(19.2209, 9.8897,
1.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	B50018
RGB	181, 0, 24
RGB Percent	71%, 0%, 9%
CMY	0.2902, 0.9999, 0.9059
CMYK	0.00, 1.00, 0.87, 0.29
HSL	352°, 100%, 35%
HSV	352°, 100%, 71%
XYZ	19.2209, 9.8897, 1.7600
YIQ	56.8550, 100.1720, 45.8360

Conversions

Conversions Part 2

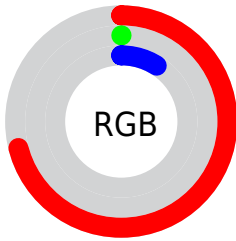
Format	Color
R_{YB}	181, 0, 24
Decimal	11862040
CIE Lab	37.64, 62.26, 41.92
CIE LCh	38, 75.057, 33.953
Yxy	9.8897, 0.6226, 0.3204
Android (android.graphics.Color)	4290052120 (0xFFB50018)
YUV	56.8550, -16.1975, 108.8752
Hunter-Lab	31.4479, 54.0651, 18.6953

Details

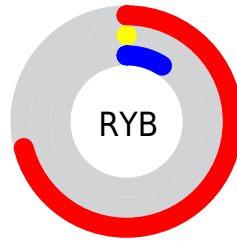
The XYZ color **19.2209, 9.8897, 1.7600** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22.6127, 35.4831, 37.5698**, and the grayscale version is **3.8837, 4.0859, 4.4496**.

A 20% lighter version of the original color is **41.5990, 25.5795, 8.3750**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.2204, 9.8895, 1.7584**, and if you desaturate by 10%, it is **19.6523, 10.4118, 2.9550**.

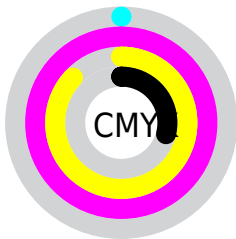
Distribution



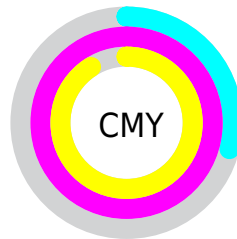
- Red (71%)
- Green (0%)
- Blue (9%)



- Red (71%)
- Yellow (0%)
- Blue (9%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (29%)




- Cyan (29%)
- Magenta (100%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2209, 9.8897, 1.7600 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 19.2209, 9.8897, 1.7600 by changing the saturation by 10% instead.


 19.2209, 9.8897,
1.7600


 19.2209, 9.8897,
1.7600


240.5803,
189.8830, 118.5312


 11.9350, 5.3259,
0.4014


 41.6210, 25.5878,
8.3736


 6.7713, 2.4397,
0.0000


 57.4659, 37.4909,
14.5681


 3.3645, 0.8462,
0.0000

 76.8945, 52.6093,
23.2459

 1.3493, 0.0000,
0.0000

 100.2722, 71.3272,
34.8253


 0.2197, 0.0000,
0.0000


 127.9642, 94.0292,
49.7250


 0.0000, 0.0000,
0.0000


 160.3360,


121.0995, 68.3635


 197.7529,
152.9227, 91.1594


 19.2209, 9.8897,
1.7600


 19.2209, 9.8897,
1.7600


 19.2204, 9.8895,
1.7584

 19.6523, 10.4118,
2.9550

 20.3932, 11.3793,
4.7872

 21.5314, 12.9494,
7.3442

 23.1139, 15.1996,
10.6921

 25.1810, 18.1958,
14.8894

■ 27.7684, 21.9959,
19.9893

■ 30.9083, 26.6524,
26.0403

■ 34.6304, 32.2132,
33.0876

■ 38.9623, 38.7226,
41.1734

Harmonies

Analogous

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



21.8084, 9.8897, 9.0600



19.2209, 9.8897, 1.7600



14.0195, 9.8897, 0.0000

Triad

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



19.2209, 9.8897, 1.7600



3.3411, 9.8897, 2.8715



10.0452, 9.8897, 63.8093

Complementary

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



19.2209, 9.8897, 1.7600



22.6127, 35.4831, 37.5698

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.



5.9261, 9.8897, 55.6678



19.2209, 9.8897, 1.7600



2.9059, 9.8897, 12.6786

Square

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



19.2209, 9.8897, 1.7600



5.1582, 9.8897, 0.1848



3.6678, 9.8897, 33.0494



15.4954, 9.8897, 50.4369

Rectangle

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



19.2209, 9.8897, 1.7600



10.3975, 9.8897, 0.0000



3.6678, 9.8897, 33.0494



8.4682, 9.8897, 63.5363

Sweetspot

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



19.2211, 9.8903, 1.7601



55.0392, 47.2620, 46.0318



22.2201, 10.4920, 44.5697



11.3701, 9.4337, 8.9404



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.



19.2211, 9.8903, 1.7601



34.3773, 17.6935, 2.9045



21.0270, 13.7656, 1.5497



8.5407, 8.5230, 9.0796



13.2655, 6.8238, 1.2921



0.4318, 0.2205, 0.1168

Inverse Universe

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



19.2211, 9.8903, 1.7601



34.3773, 17.6935, 2.9045



14.4312, 15.5170, 45.9501



8.5407, 8.5230, 9.0796



13.2655, 6.8238, 1.2921



0.4318, 0.2205, 0.1168

Previews

White Background



This preview shows how the XYZ color 19.2209, 9.8897, 1.7600 looks on a white background.

Color Contrast Check

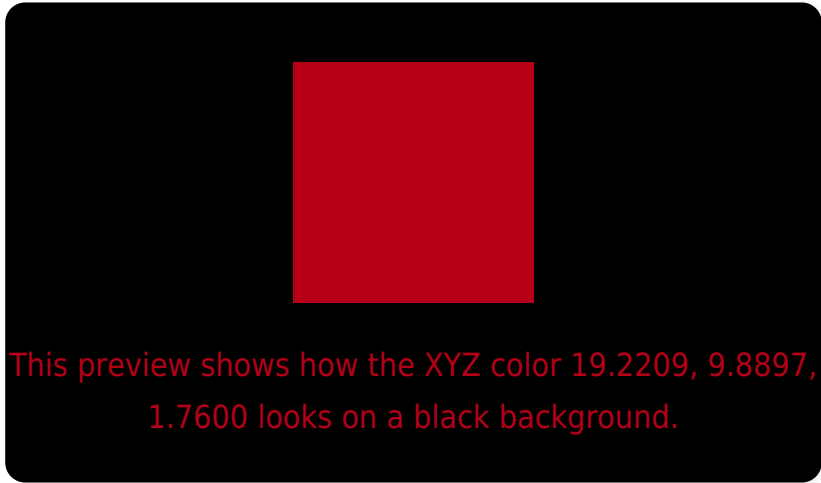
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2209, 9.8897, 1.7600

Background



This preview shows how black text looks on a background with the XYZ color 19.2209, 9.8897, 1.7600.



This preview shows how white text looks on a background with the XYZ color 19.2209, 9.8897,

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

19.2209, 9.8897, 1.7600

Protanopia

9.7069, 10.6392, 3.6398

Deuteranopia

10.6107, 10.5294, 1.4731



Tritanopia

19.0077, 10.0739, 0.9426

Trichromacy



Original Color

19.2209, 9.8897, 1.7600

Protanomaly

11.2274, 8.0746, 2.5569

Deuteranomaly

12.2307, 8.3275, 1.2212

Tritanomaly

18.9802, 9.9401, 1.1767

Monochromacy



Original Color

19.2209, 9.8897, 1.7600

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.5840, 4.2760, 2.9610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2209, 9.8897, 1.7600 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, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 24)  
}
```

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, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 24) }
```

Border

The CSS property to change the border of an element to XYZ 19.2209, 9.8897, 1.7600 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, 0, 24) }
```


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

```
.border{ border-color:rgb(181, 0, 24) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(181, 0, 24)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.2209, 9.8897, 1.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 24) }
```

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

```
.background{ background-color: rgb(181, 0,  
24) }
```

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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