

Converting Colors

XYZ(17.5190, 6.5686, 0.0000)

Have a look what the booklet for
XYZ(17.5190, 6.5686, 0.0000)
contains.

XYZ(19.2914, 9.9451, 0.9028)	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(19.2914, 9.9451,
0.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	B60000
RGB	182, 0, 0
RGB Percent	71%, 0%, 0%
CMY	0.2863, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.29
HSL	0°, 100%, 36%
HSV	0°, 100%, 71%
XYZ	19.2914, 9.9451, 0.9028
YIQ	54.4180, 108.4720, 38.5840

Conversions

Conversions Part 2

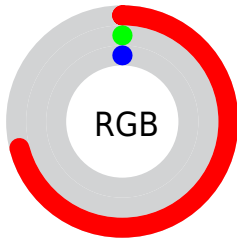
Format	Color
R_{YB}	182, 0, 0
Decimal	11927552
CIE _{Lab}	37.74, 62.19, 52.16
CIE _{LCh}	38, 81.167, 39.990
Yxy	9.9451, 0.6401, 0.3300
Android (android.graphics.Color)	4290117632 (0xFFB60000)
YUV	54.4180, -26.8281, 111.8894
Hunter-Lab	31.5359, 54.0059, 20.3778

Details

The XYZ color **19.2914, 9.9451, 0.9028** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **25.1642, 36.8188, 50.0360**, and the grayscale version is **3.5835, 3.7702, 4.1057**.

A 20% lighter version of the original color is **41.8022, 25.7418, 5.7831**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.2916, 9.9457, 0.9029**, and if you desaturate by 10%, it is **19.6221, 10.4295, 1.5598**.

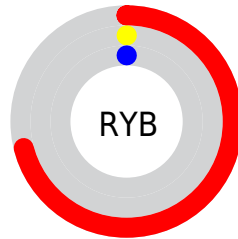
Distribution



Red (71%)

Green (0%)

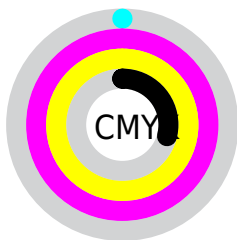
Blue (0%)



Red (71%)

Yellow (0%)

Blue (0%)

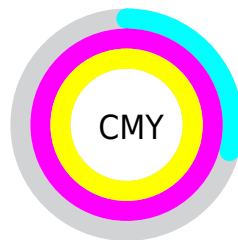


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2914, 9.9451, 0.9028 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 19.2914, 9.9451, 0.9028 by changing the saturation by 10% instead.


 19.2914, 9.9451,
0.9028


 19.2914, 9.9451,
0.9028


 240.9601,
190.2798, 101.9658


 11.9863, 5.3626,
0.0000


 41.7390, 25.6922,
5.7378


 6.8065, 2.4615,
0.0000


 57.6122, 37.6255,
10.6757


 3.3866, 0.8573,
0.0000

 77.0721, 52.7780,
17.8523

 1.3614, 0.0000,
0.0000

 100.4841, 71.5338,
27.6862

 0.2284, 0.0000,
0.0000


 128.2136, 94.2776,
40.5960

 0.0000, 0.0000,
0.0000


 160.6258,


121.3935, 57.0002


 198.0862,
153.2661, 77.3173


 19.2914, 9.9451,
0.9028


 19.2914, 9.9451,
0.9028


 19.2916, 9.9457,
0.9029

 19.6221, 10.4295,
1.5598

 20.2597, 11.3626,
2.8267

 21.3197, 12.9138,
4.9333

 22.8580, 15.1649,
7.9909

 24.9221, 18.1854,
12.0940

■ 27.5537, 22.0363,
17.3256

■ 30.7905, 26.7726,
23.7602

■ 34.6667, 32.4445,
31.4663

■ 39.2142, 39.0985,
40.5070

Harmonies

Analogous

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



23.0028, 9.9451, 6.6043



19.2914, 9.9451, 0.9028



13.2764, 9.9451, 0.0000

Triad

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



19.2914, 9.9451, 0.9028



2.8528, 9.9451, 3.7184



11.2831, 9.9451, 69.9804

Complementary

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



19.2914, 9.9451, 0.9028



25.1642, 36.8188, 50.0360

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.



6.4439, 9.9451, 65.6116



19.2914, 9.9451, 0.9028



2.6554, 9.9451, 16.5530

Square

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



19.2914, 9.9451, 0.9028



4.3971, 9.9451, 0.2020



3.7007, 9.9451, 41.3419



17.3836, 9.9451, 50.5346

Rectangle

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



19.2914, 9.9451, 0.9028



9.4543, 9.9451, 0.0000



3.7007, 9.9451, 41.3419



9.4508, 9.9451, 71.4880

Sweetspot

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



19.2916, 9.9457, 0.9029



55.4981, 48.0629, 42.4308



27.7347, 13.3224, 45.3653



11.6878, 9.7816, 8.2385



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



19.2916, 9.9457, 0.9029



34.9756, 18.0313, 1.6370



23.0323, 17.4271, 2.1498



9.0048, 9.0125, 9.3719



13.6237, 7.0237, 0.6377



0.4803, 0.2477, 0.0225

Inverse Universe

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



25.1642, 36.8188, 50.0360



45.6226, 66.7524, 90.7157



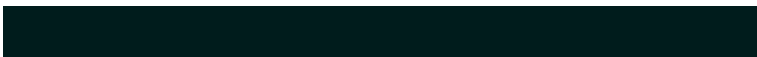
12.1845, 10.8595, 45.7095



9.2666, 10.2104, 11.5618



17.7709, 26.0014, 35.3352



0.6265, 0.9167, 1.2457

Previews

White Background



This preview shows how the XYZ color 19.2914, 9.9451, 0.9028 looks on a white background.

Color Contrast Check

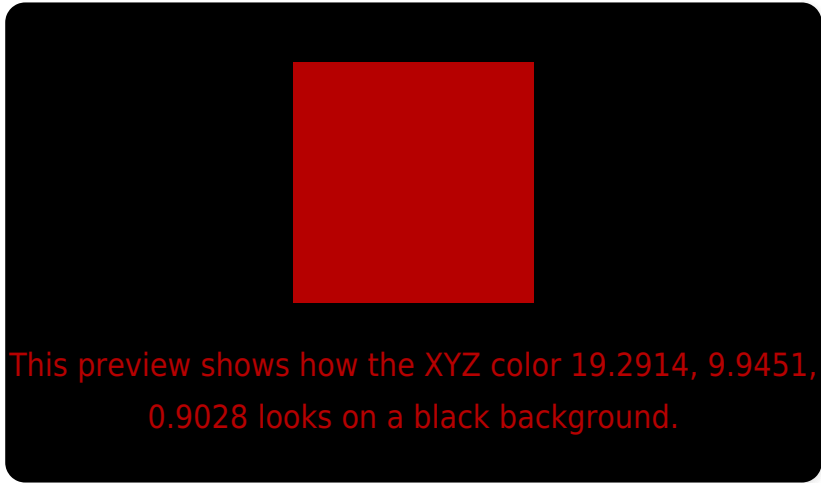
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2914, 9.9451, 0.9028

Background



This preview shows how black text looks on a background with the XYZ color 19.2914, 9.9451, 0.9028.



This preview shows how white text looks on a background with the XYZ color 19.2914, 9.9451,

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

19.2914, 9.9451, 0.9028

Protanopia

9.5855, 10.6038, 2.4057

Deuteranopia

10.6107, 10.5294, 1.4731



Tritanopia

19.2565, 10.2247, 0.9586

Trichromacy



Original Color

19.2914, 9.9451, 0.9028

Protanomaly

11.1659, 8.0680, 1.4207

Deuteranomaly

12.1814, 8.3078, 0.9615

Tritanomaly

19.1757, 10.0631, 0.9317

Monochromacy



Original Color

19.2914, 9.9451, 0.9028

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

6.2276, 4.0262, 1.9623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2914, 9.9451, 0.9028 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(182, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 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(182, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2914, 9.9451, 0.9028 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(182, 0, 0) }
```


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

```
.border{ border-color:rgb(182, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(182, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(182, 0, 0); box-shadow:4px  
4px 4px 4px rgb(182, 0, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2914, 9.9451, 0.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 0) }
```

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

```
.background{ background-color: rgb(182, 0,  
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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