

Converting Colors

XYZ(19.0225, 11.4125, 1.2972)

Have a look what the booklet for
XYZ(19.0225, 11.4125, 1.2972)
contains.

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Color

**XYZ(19.0192, 11.4333,
1.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	B03103
RGB	176, 49, 3
RGB Percent	69%, 19%, 1%
CMY	0.3098, 0.8078, 0.9882
CMYK	0.00, 0.72, 0.98, 0.31
HSL	16°, 97%, 35%
HSV	16°, 98%, 69%
XYZ	19.0192, 11.4333, 1.2906
YIQ	81.7290, 90.4580, 12.6180

Conversions

Conversions Part 2

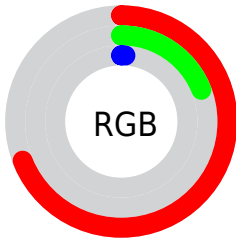
Format	Color
RYB	176, 66, 3
Decimal	11546883
CIELab	40.30, 49.78, 51.47
CIELCh	40, 71.601, 45.958
Yxy	11.4333, 0.5992, 0.3602
Android (android.graphics.Color)	4289736963 (0xFFB03103)
YUV	81.7290, -38.8134, 82.6757
Hunter-Lab	33.8132, 41.2295, 21.4062

Details

The XYZ color **19.0192, 11.4333, 1.2906** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.8556, 19.1172, 43.9281**, and the grayscale version is **8.0291, 8.4472, 9.1990**.

A 20% lighter version of the original color is **41.1364, 28.3271, 6.9140**, and **6.9394, 3.5774, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **18.9130, 11.2475, 1.1742**, and if you desaturate by 10%, it is **19.7547, 12.7202, 2.1044**.

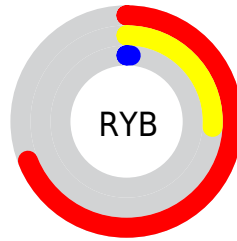
Distribution



Red (69%)

Green (19%)

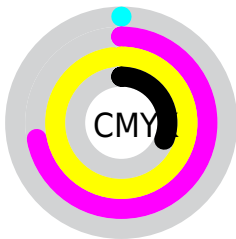
Blue (1%)



Red (69%)

Yellow (26%)

Blue (1%)

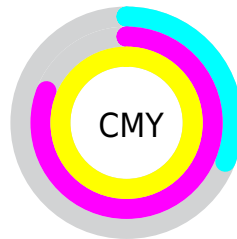


Cyan (0%)

Magenta (72%)

Yellow (98%)

Black (31%)



Cyan (31%)

Magenta (81%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0192, 11.4333, 1.2906 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 19.0192, 11.4333, 1.2906 by changing the saturation by 10% instead.

■ 19.0192, 11.4333,
1.2906

■ 19.0192, 11.4333,
1.2906

■ 239.4908,
200.6166, 110.1510

■ 11.7882, 6.3591,
0.0541

■ 41.2832, 28.4587,
6.9904

■ 6.6708, 3.0646,
0.0000

■ 57.0469, 41.1786,
12.5471

■ 3.3016, 1.1656,
0.0000

■ 76.3855, 57.2159,
20.4665

■ 1.3152, 0.0333,
0.0000

■ 99.6645, 76.9550,
31.1669

■ 0.1945, 0.0000,
0.0000


■ 127.2492,
100.7802, 45.0671


■ 0.0000, 0.0000,
0.0000


■ 159.5049,


129.0759, 62.5854


 196.7970,
162.2266, 84.1406


 19.0192, 11.4333,
1.2906


 19.0192, 11.4333,
1.2906


 18.9130, 11.2475,
1.1742

 19.7547, 12.7202,
2.1044

 20.7632, 14.3828,
3.5327

 22.0839, 16.4549,
5.7283

 23.7436, 18.9631,
8.7823

 25.7657, 21.9314,
12.7732

■ 28.1715, 25.3821,
17.7704

■ 30.9804, 29.3360,
23.8367

■ 34.2107, 33.8125,
31.0296

■ 37.8792, 38.8302,
39.4029

Harmonies

Analogous

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



22.9868, 11.4333, 6.3071



19.0192, 11.4333, 1.2906



13.3719, 11.4333, 0.0016

Triad

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



19.0192, 11.4333, 1.2906



3.9517, 11.4333, 6.8899



13.7320, 11.4333, 62.1593

Complementary

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



19.0192, 11.4333, 1.2906



15.8556, 19.1172, 43.9281

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.



8.6963, 11.4333, 62.8587



19.0192, 11.4333, 1.2906



3.9942, 11.4333, 21.6627

Square

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



19.0192, 11.4333, 1.2906



5.3154, 11.4333, 1.4398



5.4579, 11.4333, 44.6067



19.3516, 11.4333, 43.0982

Rectangle

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



19.0192, 11.4333, 1.2906



9.8988, 11.4333, 0.0000



5.4579, 11.4333, 44.6067



11.8964, 11.4333, 64.8643

Sweetspot

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



19.0194, 11.4340, 1.2908



55.5305, 52.2862, 41.7900



22.1533, 10.9817, 23.0519



11.5630, 10.6696, 8.0328



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.0194, 11.4340, 1.2908



34.1434, 20.0814, 2.0765



26.2741, 25.9433, 3.7090



8.6741, 8.8607, 8.9056



13.9191, 8.3367, 0.8755



0.4869, 0.3603, 0.0439

Inverse Universe

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



15.8556, 19.1172, 43.9281



28.3018, 33.8630, 79.5399



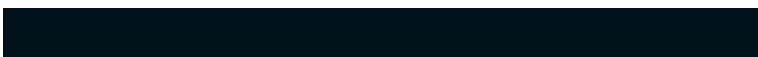
8.8608, 5.1276, 41.5965



8.5477, 9.2415, 10.8396



11.5783, 13.9570, 32.2207



0.4090, 0.5286, 1.0287

Previews

White Background



This preview shows how the XYZ color 19.0192, 11.4333, 1.2906 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 19.0192, 11.4333, 1.2906

Background



This preview shows how black text looks on a background with the XYZ color 19.0192, 11.4333, 1.2906.



This preview shows how white text looks on a background with the XYZ color 19.0192, 11.4333,

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

19.0192, 11.4333, 1.2906

Protanopia

10.4935, 11.6044, 2.3486

Deuteranopia

11.6262, 11.5471, 1.6160



Tritanopia

19.6215, 11.5063, 3.8761

Trichromacy



Original Color

19.0192, 11.4333, 1.2906

Protanomaly

12.5481, 10.6102, 1.8021

Deuteranomaly

13.5744, 10.8338, 1.4044

Tritanomaly

19.3953, 11.4791, 2.4898

Monochromacy



Original Color

19.0192, 11.4333, 1.2906

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

10.0352, 8.3504, 4.4510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0192, 11.4333, 1.2906 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(176, 49, 3)` looks like.

```
.text, #text, p{  
    color:rgb(176, 49, 3)  
}
```

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(176, 49, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 49, 3) }
```

Border

The CSS property to change the border of an element to XYZ 19.0192, 11.4333, 1.2906 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(176, 49, 3) }
```


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

```
.border{ border-color:rgb(176, 49, 3) }
```

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

Here you see how a box with a 4 pixel rgb(176, 49, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 49, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 49, 3);  
box-shadow:4px 4px 4px 4px rgb(176, 49, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.0192, 11.4333, 1.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 49, 3) }
```

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

```
.background{ background-color: rgb(176, 49,  
3) }
```

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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