

Converting Colors

XYZ(19.4524, 10.6154, 1.0240)

Have a look what the booklet for
XYZ(19.4524, 10.6154, 1.0240)
contains.

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Color

**XYZ(19.4480, 10.6076,
1.0225)**

Conversions

Conversions Part 1

Format	Color
Hex	B51B00
RGB	181, 27, 0
RGB Percent	71%, 11%, 0%
CMY	0.2902, 0.8941, 1.0000
CMYK	0.00, 0.85, 1.00, 0.29
HSL	9°, 100%, 35%
HSV	9°, 100%, 71%
XYZ	19.4480, 10.6076, 1.0225
YIQ	69.9680, 100.4510, 24.2510

Conversions

Conversions Part 2

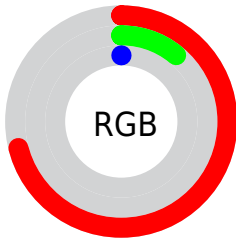
Format	Color
R_{YB}	181, 32, 0
Decimal	11868928
CIE _{Lab}	38.91, 57.95, 52.48
CIE _{LCh}	39, 78.178, 42.166
Yxy	10.6076, 0.6258, 0.3413
Android (android.graphics.Color)	4290059008 (0xFFB51B00)
YUV	69.9680, -34.4942, 97.3751
Hunter-Lab	32.5693, 49.5908, 20.9371

Details

The XYZ color **19.4480, 10.6076, 1.0225** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **19.8939, 26.4430, 47.7712**, and the grayscale version is **5.8613, 6.1665, 6.7154**.

A 20% lighter version of the original color is **41.8261, 26.7963, 6.0997**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.4482, 10.6082, 1.0225**, and if you desaturate by 10%, it is **20.0087, 11.5532, 1.7521**.

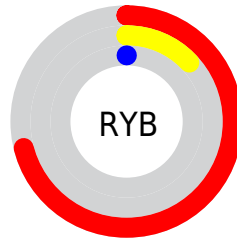
Distribution



Red (71%)

Green (11%)

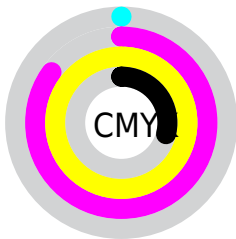
Blue (0%)



Red (71%)

Yellow (13%)

Blue (0%)

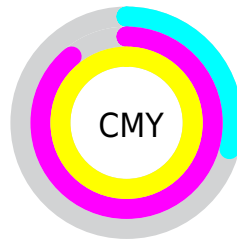


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4480, 10.6076, 1.0225 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 19.4480, 10.6076, 1.0225 by changing the saturation by 10% instead.


 19.4480, 10.6076,
1.0225


 19.4480, 10.6076,
1.0225


 241.8019,
194.9553, 104.6402


 12.1004, 5.8036,
0.0000


 42.0008, 26.9322,
6.1360


 6.8847, 2.7260,
0.0000


 57.9367, 39.2217,
11.2755


 3.4358, 0.9904,
0.0000

 77.4660, 54.7751,
18.6950

 1.3882, 0.0000,
0.0000

 100.9541, 73.9769,
28.8130

 0.2478, 0.0000,
0.0000


 128.7664, 97.2114,
42.0479


 0.0000, 0.0000,
0.0000


 161.2682,


124.8630, 58.8184


 198.8249,
157.3162, 79.5430


 19.4480, 10.6076,
1.0225

 19.4480, 10.6076,
1.0225


 19.4482, 10.6082,
1.0225

 20.0087, 11.5532,
1.7521

 20.8811, 12.9596,
3.0862

 22.1254, 14.8858,
5.2345

 23.7788, 17.3769,
8.3008

 25.8740, 20.4728,
12.3733

■ 28.4403, 24.2101,
17.5301

■ 31.5042, 28.6221,
23.8413

■ 35.0905, 33.7400,
31.3712

■ 39.2222, 39.5929,
40.1794

Harmonies

Analogous

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



23.3410, 10.6076, 6.5084



19.4480, 10.6076, 1.0225



13.4618, 10.6076, 0.0000

Triad

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



19.4480, 10.6076, 1.0225



3.2487, 10.6076, 4.8164



12.3376, 10.6076, 68.1712

Complementary

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



19.4480, 10.6076, 1.0225



19.8939, 26.4430, 47.7712

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.



7.3216, 10.6076, 65.8076



19.4480, 10.6076, 1.0225



3.1300, 10.6076, 18.6900

Square

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



19.4480, 10.6076, 1.0225



4.7528, 10.6076, 0.6392



4.3422, 10.6076, 43.3704



18.3856, 10.6076, 48.3852

Rectangle

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



19.4480, 10.6076, 1.0225



9.7093, 10.6076, 0.0000



4.3422, 10.6076, 43.3704



10.4646, 10.6076, 70.2235

Sweetspot

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



19.4482, 10.6083, 1.0226



56.1260, 50.8350, 42.0802



25.1304, 12.2535, 32.8792



11.6193, 10.2524, 8.0360



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.



19.4482, 10.6083, 1.0226



34.7304, 18.7970, 1.7977



25.1450, 22.0018, 2.9216



8.5954, 8.7032, 8.8794



13.4400, 7.3785, 0.7158



0.4546, 0.2957, 0.0331

Inverse Universe

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



19.8939, 26.4430, 47.7712



35.4965, 47.0927, 85.5136



10.3103, 7.2758, 44.5767



8.6325, 9.4111, 10.8679



13.7545, 18.3093, 32.9461



0.4620, 0.6346, 1.0464

Previews

White Background



This preview shows how the XYZ color 19.4480, 10.6076, 1.0225 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 19.4480, 10.6076, 1.0225

Background



This preview shows how black text looks on a background with the XYZ color 19.4480, 10.6076, 1.0225.



This preview shows how white text looks on a background with the XYZ color 19.4480, 10.6076,

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

19.4480, 10.6076, 1.0225

Protanopia

9.9732, 11.0666, 2.3695

Deuteranopia

11.0436, 10.9963, 1.5404



Tritanopia

19.5801, 10.6244, 1.8293

Trichromacy



Original Color

19.4480, 10.6076, 1.0225

Protanomaly

11.9423, 9.3986, 1.6001

Deuteranomaly

12.9327, 9.5591, 1.1635

Tritanomaly

19.5117, 10.5970, 1.4690

Monochromacy



Original Color

19.4480, 10.6076, 1.0225

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

8.2232, 6.1428, 3.2349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4480, 10.6076, 1.0225 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, 27, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 27, 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, 27, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 27, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.4480, 10.6076, 1.0225 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, 27, 0) }
```


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

```
.border{ border-color:rgb(181, 27, 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, 27, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 27, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 27, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 27, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.4480, 10.6076, 1.0225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 27, 0) }
```

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

```
.background{ background-color: rgb(181, 27,  
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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