

Converting Colors

XYZ(19.5360, 10.5528, 0.8341)

Have a look what the booklet for
XYZ(19.5360, 10.5528, 0.8341)
contains.

XYZ(19.6180, 10.5984, 1.0117)	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(19.6180, 10.5984,
1.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	B61800
RGB	182, 24, 0
RGB Percent	71%, 9%, 0%
CMY	0.2863, 0.9058, 1.0000
CMYK	0.00, 0.87, 1.00, 0.29
HSL	8°, 100%, 36%
HSV	8°, 100%, 71%
XYZ	19.6180, 10.5984, 1.0117
YIQ	68.5060, 101.8720, 26.0320

Conversions

Conversions Part 2

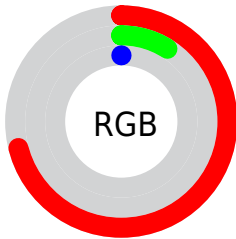
Format	Color
R_{YB}	182, 28, 0
Decimal	11933696
CIE Lab	38.90, 58.87, 52.60
CIE LCh	39, 78.947, 41.781
Yxy	10.5984, 0.6282, 0.3394
Android (android.graphics.Color)	4290123776 (0xFFB61800)
YUV	68.5060, -33.7735, 99.5342
Hunter-Lab	32.5552, 50.5939, 20.9461

Details

The XYZ color **19.6180, 10.5984, 1.0117** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **20.6667, 27.8239, 48.5367**, and the grayscale version is **5.6193, 5.9119, 6.4381**.

A 20% lighter version of the original color is **42.4450, 26.9926, 6.1050**, and **7.6077, 3.9219, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **19.6182, 10.5991, 1.0118**, and if you desaturate by 10%, it is **20.1547, 11.4947, 1.7373**.

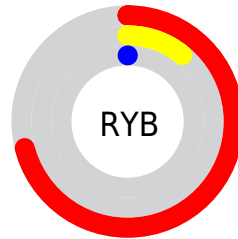
Distribution



Red (71%)

Green (9%)

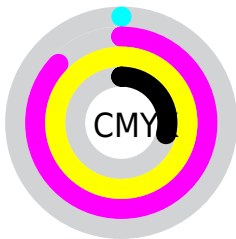
Blue (0%)



Red (71%)

Yellow (11%)

Blue (0%)

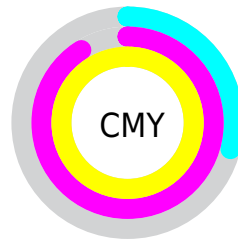


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6180, 10.5984, 1.0117 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 19.6180, 10.5984, 1.0117 by changing the saturation by 10% instead.


 19.6180, 10.5984,
1.0117


 19.6180, 10.5984,
1.0117


 242.7127,
194.8912, 104.4033


 12.2243, 5.7975,
0.0000


 42.2846, 26.9151,
6.1003


 6.9699, 2.7223,
0.0000

 58.2883, 39.1997,
11.2219


 3.4895, 0.9885,
0.0000

 77.8927, 54.7476,
18.6199

 1.4176, 0.0000,
0.0000

 101.4632, 73.9433,
28.7127

 0.2687, 0.0000,
0.0000


 129.3650, 97.1711,
41.9189


 0.0000, 0.0000,
0.0000


 161.9637,


124.8154, 58.6570


 199.6245,
157.2606, 79.3457


 19.6180, 10.5984,
1.0117


 19.6180, 10.5984,
1.0117


 19.6182, 10.5991,
1.0118

 20.1547, 11.4947,
1.7373

 21.0114, 12.8661,
3.0773

 22.2509, 14.7763,
5.2438

 23.9125, 17.2741,
8.3425

 26.0307, 20.4028,
12.4637

■ 28.6362, 24.2014,
17.6865

■ 31.7571, 28.7058,
24.0826

■ 35.4192, 33.9496,
31.7173

■ 39.6468, 39.9638,
40.6513

Harmonies

Analogous

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



23.5188, 10.5984, 6.5910



19.6180, 10.5984, 1.0117



13.5661, 10.5984, 0.0000

Triad

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



19.6180, 10.5984, 1.0117



3.2107, 10.5984, 4.6614



12.2756, 10.5984, 69.1731

Complementary

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



19.6180, 10.5984, 1.0117



20.6667, 27.8239, 48.5367

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.



7.2385, 10.5984, 66.4404



19.6180, 10.5984, 1.0117



3.0758, 10.5984, 18.4969

Square

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



19.6180, 10.5984, 1.0117



4.7381, 10.5984, 0.5727



4.2702, 10.5984, 43.4539



18.3957, 10.5984, 49.2434

Rectangle

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



19.6180, 10.5984, 1.0117



9.7633, 10.5984, 0.0000



4.2702, 10.5984, 43.4539



10.3901, 10.5984, 71.1529

Sweetspot

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



19.6182, 10.5991, 1.0118



57.2654, 51.5975, 43.0199



25.7036, 12.5099, 34.6700



12.1015, 10.6088, 8.3764



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.



19.6182, 10.5991, 1.0118



35.4730, 19.0260, 1.8028



25.1111, 21.5848, 2.8428



9.0976, 9.1982, 9.4028



13.8830, 7.5423, 0.7241



0.5204, 0.3279, 0.0359

Inverse Universe

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



20.6667, 27.8239, 48.5367



37.3435, 50.1942, 87.9560



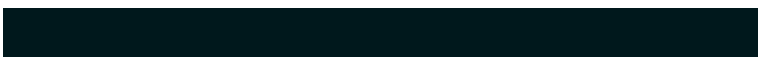
10.6190, 7.7285, 45.1875



9.1629, 10.0030, 11.5273



14.6296, 19.7188, 34.2881



0.5441, 0.7518, 1.2182

Previews

White Background



This preview shows how the XYZ color 19.6180, 10.5984, 1.0117 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 19.6180, 10.5984, 1.0117

Background



This preview shows how black text looks on a background with the XYZ color 19.6180, 10.5984, 1.0117.



This preview shows how white text looks on a background with the XYZ color 19.6180, 10.5984,

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

19.6180, 10.5984, 1.0117

Protanopia

9.9831, 11.0705, 2.4213

Deuteranopia

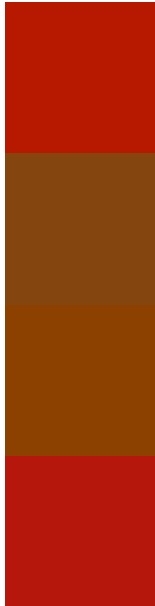
11.0436, 10.9963, 1.5404



Tritanopia

19.7153, 10.6049, 1.6239

Trichromacy



Original Color

19.6180, 10.5984, 1.0117

Protanomaly

11.8872, 9.2773, 1.6161

Deuteranomaly

12.8748, 9.4433, 1.1442

Tritanomaly

19.6642, 10.5844, 1.3544

Monochromacy



Original Color

19.6180, 10.5984, 1.0117

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

8.1581, 6.0431, 3.1193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6180, 10.5984, 1.0117 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, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 24, 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, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 24, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.6180, 10.5984, 1.0117 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, 24, 0) }
```


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

```
.border{ border-color:rgb(182, 24, 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, 24, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 24, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 24, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 24, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.6180, 10.5984, 1.0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 24, 0) }
```

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

```
.background{ background-color: rgb(182, 24,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor