

Converting Colors

XYZ(19.5381, 10.7704, 1.0491)

Have a look what the booklet for
XYZ(19.5381, 10.7704, 1.0491)
contains.

XYZ(19.5203, 10.7523, 1.0466)	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(19.5203, 10.7523,
1.0466)**

Conversions

Conversions Part 1

Format	Color
Hex	B51E00
RGB	181, 30, 0
RGB Percent	71%, 12%, 0%
CMY	0.2902, 0.8823, 1.0000
CMYK	0.00, 0.83, 1.00, 0.29
HSL	10°, 100%, 35%
HSV	10°, 100%, 71%
XYZ	19.5203, 10.7523, 1.0466
YIQ	71.7290, 99.6260, 22.6820

Conversions

Conversions Part 2

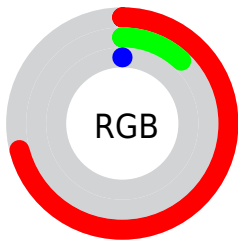
Format	Color
R_{YB}	181, 36, 0
Decimal	11869696
CIE Lab	39.16, 57.24, 52.58
CIE LCh	39, 77.723, 42.570
Yxy	10.7523, 0.6233, 0.3433
Android (android.graphics.Color)	4290059776 (0xFFB51E00)
YUV	71.7290, -35.3624, 95.8307
Hunter-Lab	32.7907, 48.8773, 21.0611

Details

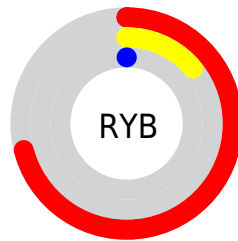
The XYZ color **19.5203, 10.7523, 1.0466** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **19.4048, 25.4649, 47.6081**, and the grayscale version is **6.1611, 6.4819, 7.0588**.

A 20% lighter version of the original color is **41.9948, 27.1337, 6.1559**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.5205, 10.7529, 1.0467**, and if you desaturate by 10%, it is **20.1086, 11.7531, 1.7854**.

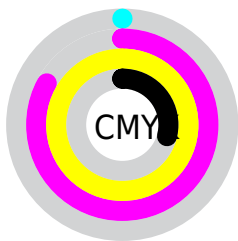
Distribution



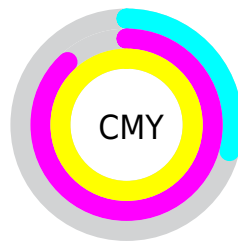
- Red (71%)
- Green (12%)
- Blue (0%)



- Red (71%)
- Yellow (14%)
- Blue (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (100%)
- Black (29%)





- Cyan (29%)
- Magenta (88%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 19.5203, 10.7523, 1.0466 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 19.5203, 10.7523, 1.0466 by changing the saturation by 10% instead.


 19.5203, 10.7523,
1.0466


 19.5203, 10.7523,
1.0466

 242.1896,
195.9602, 105.1643


 12.1531, 5.9005,
0.0000

 42.1216, 27.2012,
6.2153


 6.9209, 2.7847,
0.0000


 58.0863, 39.5671,
11.3944


 3.4586, 1.0204,
0.0000

 77.6476, 55.2066,
18.8615

 1.4007, 0.0000,
0.0000

 101.1708, 74.5039,
29.0350


 0.2567, 0.0000,
0.0000


 129.0212, 97.8436,
42.3334


 0.0000, 0.0000,
0.0000


 161.5643,


125.6099, 59.1755


 199.1653,
158.1873, 79.9796


 19.5203, 10.7523,
1.0466


 19.5203, 10.7523,
1.0466


 19.5205, 10.7529,
1.0467

 20.1086, 11.7531,
1.7854

 21.0044, 13.2063,
3.1273

 22.2660, 15.1673,
5.2814

 23.9295, 17.6784,
8.3509

 26.0262, 20.7774,
12.4239

■ 28.5844, 24.4986,
17.5780

■ 31.6299, 28.8736,
23.8830

■ 35.1865, 33.9320,
31.4029

■ 39.2764, 39.7014,
40.1971

Harmonies

Analogous

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



23.4551, 10.7523, 6.5057



19.5203, 10.7523, 1.0466



13.5254, 10.7523, 0.0000

Triad

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



19.5203, 10.7523, 1.0466



3.3298, 10.7523, 5.0426



12.5599, 10.7523, 68.0116

Complementary

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



19.5203, 10.7523, 1.0466



19.4048, 25.4649, 47.6081

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.



7.5020, 10.7523, 65.9963



19.5203, 10.7523, 1.0466



3.2267, 10.7523, 19.1314

Square

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



19.5203, 10.7523, 1.0466



4.8285, 10.7523, 0.7186



4.4731, 10.7523, 43.8391



18.6098, 10.7523, 48.1211

Rectangle

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



19.5203, 10.7523, 1.0466



9.7768, 10.7523, 0.0000



4.4731, 10.7523, 43.8391



10.6758, 10.7523, 70.1640

Sweetspot

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



19.5205, 10.7530, 1.0467



56.3536, 51.2902, 42.1561



24.8761, 12.1518, 31.5406



11.6719, 10.3575, 8.0536



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.



19.5205, 10.7530, 1.0467



34.8513, 19.0387, 1.8380



25.4932, 22.6983, 3.0376



8.6065, 8.7254, 8.8831



13.4925, 7.4835, 0.7333



0.4592, 0.3049, 0.0346

Inverse Universe

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



19.4048, 25.4649, 47.6081



34.6096, 45.3191, 85.2179



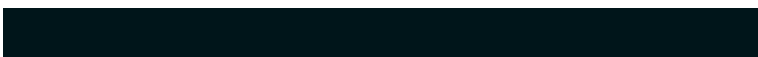
10.1374, 6.9302, 44.5190



8.6203, 9.3869, 10.8638



13.4207, 17.6418, 32.8348



0.4541, 0.6187, 1.0437

Previews

White Background



This preview shows how the XYZ color 19.5203, 10.7523, 1.0466 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 19.5203, 10.7523, 1.0466

Background



This preview shows how black text looks on a background with the XYZ color 19.5203, 10.7523, 1.0466.



This preview shows how white text looks on a background with the XYZ color 19.5203, 10.7523,

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

19.5203, 10.7523, 1.0466

Protanopia

9.9732, 11.0666, 2.3695

Deuteranopia

11.0436, 10.9963, 1.5404



Tritanopia

19.6578, 10.7288, 2.0121

Trichromacy



Original Color

19.5203, 10.7523, 1.0466

Protanomaly

12.0054, 9.5247, 1.6212

Deuteranomaly

13.0516, 9.7970, 1.2031

Tritanomaly

19.5966, 10.7430, 1.5711

Monochromacy



Original Color

19.5203, 10.7523, 1.0466

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

8.6384, 6.5683, 3.3973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5203, 10.7523, 1.0466 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, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 30, 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, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 30, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.5203, 10.7523, 1.0466 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, 30, 0) }
```


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

```
.border{ border-color:rgb(181, 30, 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, 30, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 30, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 30, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 30, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.5203, 10.7523, 1.0466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 30, 0) }
```

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

```
.background{ background-color: rgb(181, 30,  
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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