

Converting Colors

XYZ(19.2288, 10.1518, 0.9460)

Have a look what the booklet for
XYZ(19.2288, 10.1518, 0.9460)
contains.

XYZ(19.2131, 10.1378, 0.9442)	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>	30

Color

**XYZ(19.2131, 10.1378,
0.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	B50E00
RGB	181, 14, 0
RGB Percent	71%, 5%, 0%
CMY	0.2902, 0.9450, 1.0000
CMYK	0.00, 0.92, 1.00, 0.29
HSL	5°, 100%, 35%
HSV	5°, 100%, 71%
XYZ	19.2131, 10.1378, 0.9442
YIQ	62.3370, 104.0260, 31.0500

Conversions

Conversions Part 2

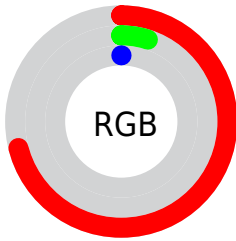
Format	Color
R _Y B	181, 15, 0
Decimal	11865600
CIE Lab	38.09, 60.30, 52.16
CIE LCh	38, 79.734, 40.862
Yxy	10.1378, 0.6342, 0.3346
Android (android.graphics.Color)	4290055680 (0xFFB50E00)
YUV	62.3370, -30.7321, 104.0675
Hunter-Lab	31.8399, 51.9921, 20.5297

Details

The XYZ color **19.2131, 10.1378, 0.9442** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **22.1549, 30.9651, 48.5249**, and the grayscale version is **4.6623, 4.9051, 5.3416**.

A 20% lighter version of the original color is **41.7521, 26.1638, 5.8671**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.2133, 10.1384, 0.9443**, and if you desaturate by 10%, it is **19.6487, 10.8333, 1.6321**.

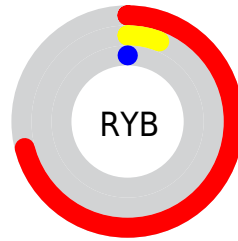
Distribution



Red (71%)

Green (5%)

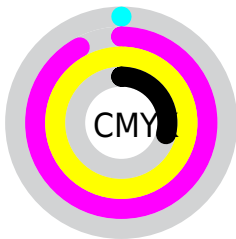
Blue (0%)



Red (71%)

Yellow (6%)

Blue (0%)

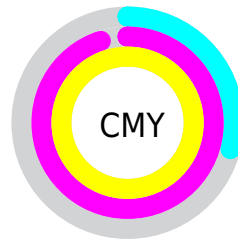


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (95%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2131, 10.1378, 0.9442 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 19.2131, 10.1378, 0.9442 by changing the saturation by 10% instead.


 19.2131, 10.1378,
0.9442


 19.2131, 10.1378,
0.9442


 240.5383,
191.6528, 102.8943


 11.9293, 5.4904,
0.0000


 41.6080, 26.0544,
5.8748


 6.7674, 2.5378,
0.0000


 57.4497, 38.0923,
10.8826


 3.3621, 0.8955,
0.0000

 76.8749, 53.3626,
18.1436

 1.3480, 0.0000,
0.0000

 100.2487, 72.2497,
28.0762


 0.2187, 0.0000,
0.0000


 127.9366, 95.1378,
41.0991


 0.0000, 0.0000,
0.0000


 160.3039,


122.4114, 57.6307


 197.7160,
154.4549, 78.0896


 19.2131, 10.1378,
0.9442


 19.2131, 10.1378,
0.9442


 19.2133, 10.1384,
0.9443

 19.6487, 10.8333,
1.6321

 20.4109, 12.0191,
2.9295

 21.5690, 13.7730,
5.0490

 23.1676, 16.1544,
8.0970

 25.2451, 19.2151,
12.1636

■ 27.8360, 23.0016,
17.3286

■ 30.9714, 27.5564,
23.6636

■ 34.6798, 32.9185,
31.2342

■ 38.9880, 39.1244,
40.1012

Harmonies

Analogous

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



22.9708, 10.1378, 6.5164



19.2131, 10.1378, 0.9442



13.2538, 10.1378, 0.0000

Triad

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



19.2131, 10.1378, 0.9442



2.9886, 10.1378, 4.1147



11.6213, 10.1378, 68.7275

Complementary

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



19.2131, 10.1378, 0.9442



22.1549, 30.9651, 48.5249

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.



6.7443, 10.1378, 65.2098



19.2131, 10.1378, 0.9442



2.8225, 10.1378, 17.2795

Square

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



19.2131, 10.1378, 0.9442



4.5070, 10.1378, 0.3753



3.9260, 10.1378, 41.8554



17.6587, 10.1378, 49.2820

Rectangle

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



19.2131, 10.1378, 0.9442



9.4878, 10.1378, 0.0000



3.9260, 10.1378, 41.8554



9.7851, 10.1378, 70.4475

Sweetspot

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



19.2133, 10.1384, 0.9443



55.1632, 48.9093, 41.7592



26.2111, 12.6858, 38.5703



11.3978, 9.8094, 7.9622



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.



19.2133, 10.1384, 0.9443



34.3482, 18.0325, 1.6703



23.8633, 19.4384, 2.4943



8.5475, 8.6075, 8.8634



13.2666, 7.0317, 0.6580



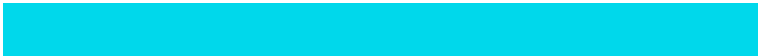
0.4348, 0.2560, 0.0265

Inverse Universe

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



22.1549, 30.9651, 48.5249



39.6024, 55.3045, 86.8822



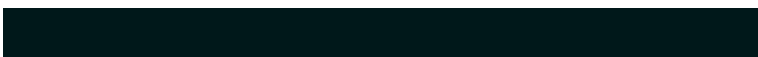
11.0958, 8.8469, 44.8386



8.6852, 9.5166, 10.8855



15.2962, 21.3928, 33.4600



0.4978, 0.7062, 1.0583

Previews

White Background



This preview shows how the XYZ color 19.2131, 10.1378, 0.9442 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 19.2131, 10.1378, 0.9442

Background



This preview shows how black text looks on a background with the XYZ color 19.2131, 10.1378, 0.9442.



This preview shows how white text looks on a background with the XYZ color 19.2131, 10.1378,

0.9442.

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

19.2131, 10.1378, 0.9442

Protanopia

9.5753, 10.5997, 2.3519

Tritanopia

19.2413, 10.1943, 0.9536

Trichromacy



Original Color

19.2131, 10.1378, 0.9442

Protanomaly

11.2797, 8.5266, 1.5032

Tritanomaly

19.2269, 10.1654, 0.9487

Monochromacy



Original Color

19.2131, 10.1378, 0.9442

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

7.1303, 5.0265, 2.5139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2131, 10.1378, 0.9442 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, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 14, 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, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 14, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2131, 10.1378, 0.9442 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, 14, 0) }
```

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

```
.border{ border-color:rgb(181, 14, 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, 14, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 14, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 14, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 14, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 19.2131, 10.1378, 0.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 14, 0) }
```

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

```
.background{ background-color: rgb(181, 14,  
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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