

Converting Colors

XYZ(19.3066, 10.3075, 0.9720)

Have a look what the booklet for
XYZ(19.3066, 10.3075, 0.9720)
contains.

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Color

**XYZ(19.2889, 10.2895,
0.9694)**

Conversions

Conversions Part 1

Format	Color
Hex	B51300
RGB	181, 19, 0
RGB Percent	71%, 7%, 0%
CMY	0.2902, 0.9254, 1.0000
CMYK	0.00, 0.89, 1.00, 0.29
HSL	6°, 100%, 35%
HSV	6°, 100%, 71%
XYZ	19.2889, 10.2895, 0.9694
YIQ	65.2720, 102.6510, 28.4350

Conversions

Conversions Part 2

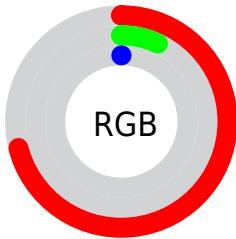
Format	Color
R_{YB}	181, 21, 0
Decimal	11866880
CIE Lab	38.36, 59.53, 52.27
CIE LCh	38, 79.219, 41.283
Yxy	10.2895, 0.6314, 0.3368
Android (android.graphics.Color)	4290056960 (0xFFB51300)
YUV	65.2720, -32.1791, 101.4935
Hunter-Lab	32.0773, 51.2016, 20.6623

Details

The XYZ color **19.2889, 10.2895, 0.9694** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **21.2567, 29.1687, 48.2254**, and the grayscale version is **5.1046, 5.3704, 5.8484**.

A 20% lighter version of the original color is **41.9314, 26.4874, 6.0345**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **19.2891, 10.2902, 0.9695**, and if you desaturate by 10%, it is **19.7734, 11.0827, 1.6736**.

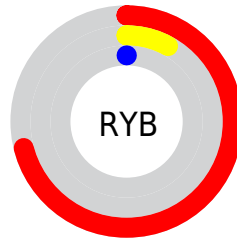
Distribution



Red (71%)

Green (7%)

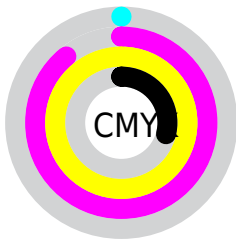
Blue (0%)



Red (71%)

Yellow (8%)

Blue (0%)

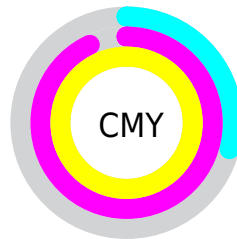


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2889, 10.2895, 0.9694 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 19.2889, 10.2895, 0.9694 by changing the saturation by 10% instead.


 19.2889, 10.2895,
0.9694


 19.2889, 10.2895,
0.9694


 240.9467,
192.7260, 103.4622


 11.9845, 5.5913,
0.0000


 41.7348, 26.3386,
5.9592


 6.8052, 2.5982,
0.0000


 57.6070, 38.4583,
11.0099


 3.3858, 0.9258,
0.0000

 77.0658, 53.8207,
18.3224

 1.3609, 0.0000,
0.0000

 100.4766, 72.8101,
28.3154

 0.2281, 0.0000,
0.0000


 128.2047, 95.8110,
41.4073


 0.0000, 0.0000,
0.0000


 160.6155,


123.2076, 58.0167


 198.0744,
155.3845, 78.5622


 19.2889, 10.2895,
0.9694


 19.2889, 10.2895,
0.9694


 19.2891, 10.2902,
0.9695

 19.7734, 11.0827,
1.6736

 20.5795, 12.3566,
2.9855

 21.7727, 14.1807,
5.1166

 23.3945, 16.6084,
8.1722

 25.4809, 19.6868,
12.2417

■ 28.0641, 23.4581,
17.4039

■ 31.1735, 27.9610,
23.7301

■ 34.8361, 33.2315,
31.2853

■ 39.0771, 39.3031,
40.1297

Harmonies

Analogous

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



23.0905, 10.2895, 6.5135



19.2889, 10.2895, 0.9694



13.3210, 10.2895, 0.0000

Triad

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



19.2889, 10.2895, 0.9694



3.0719, 10.2895, 4.3361



11.8520, 10.2895, 68.5422

Complementary

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



19.2889, 10.2895, 0.9694



21.2567, 29.1687, 48.2254

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.



6.9294, 10.2895, 65.4023



19.2889, 10.2895, 0.9694



2.9207, 10.2895, 17.7322

Square

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



19.2889, 10.2895, 0.9694



4.5863, 10.2895, 0.4616



4.0589, 10.2895, 42.3454



17.8936, 10.2895, 48.9852

Rectangle

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



19.2889, 10.2895, 0.9694



9.5594, 10.2895, 0.0000



4.0589, 10.2895, 42.3454



10.0037, 10.2895, 70.3712

Sweetspot

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



19.2891, 10.2902, 0.9695



55.5294, 49.6418, 41.8813



25.6577, 12.4644, 35.6566



11.4819, 9.9775, 7.9902



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.



19.2891, 10.2902, 0.9695



34.4693, 18.2748, 1.7106



24.4819, 20.6757, 2.7005



8.5659, 8.6443, 8.8696



13.3233, 7.1452, 0.6770



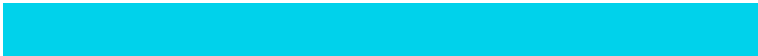
0.4424, 0.2713, 0.0290

Inverse Universe

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



21.2567, 29.1687, 48.2254



37.9706, 52.0409, 86.3382



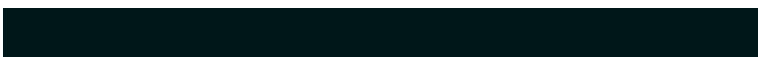
10.6837, 8.0227, 44.7011



8.6649, 9.4759, 10.8787



14.6841, 20.1686, 33.2560



0.4837, 0.6780, 1.0536

Previews

White Background



This preview shows how the XYZ color 19.2889, 10.2895, 0.9694 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 19.2889, 10.2895, 0.9694

Background



This preview shows how black text looks on a background with the XYZ color 19.2889, 10.2895, 0.9694.



This preview shows how white text looks on a background with the XYZ color 19.2889, 10.2895,

0.9694.

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

19.2889, 10.2895, 0.9694

Protanopia

9.6907, 10.6592, 2.3573

Deuteranopia

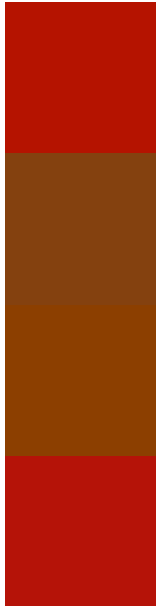
10.6922, 10.6925, 1.5003



Tritanopia

19.3553, 10.3160, 1.3189

Trichromacy



Original Color

19.2889, 10.2895, 0.9694

Protanomaly

11.4922, 8.7206, 1.5295

Deuteranomaly

12.5927, 9.1305, 1.0986

Tritanomaly

19.3328, 10.3070, 1.2002

Monochromacy



Original Color

19.2889, 10.2895, 0.9694

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

7.5206, 5.3998, 2.7437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2889, 10.2895, 0.9694 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, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 19, 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, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 19, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.2889, 10.2895, 0.9694 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, 19, 0) }
```


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

```
.border{ border-color:rgb(181, 19, 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, 19, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 19, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.2889, 10.2895, 0.9694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 19, 0) }
```

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

```
.background{ background-color: rgb(181, 19,  
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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