

Converting Colors

XYZ(20.0184, 11.0473, 1.0772)

Have a look what the booklet for
XYZ(20.0184, 11.0473, 1.0772)
contains.

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Color

**XYZ(20.0184, 11.0473,
1.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	B71F00
RGB	183, 31, 0
RGB Percent	72%, 12%, 0%
CMY	0.2824, 0.8784, 1.0000
CMYK	0.00, 0.83, 1.00, 0.28
HSL	10°, 100%, 36%
HSV	10°, 100%, 72%
XYZ	20.0184, 11.0473, 1.0772
YIQ	72.9140, 100.5430, 22.5830

Conversions

Conversions Part 2

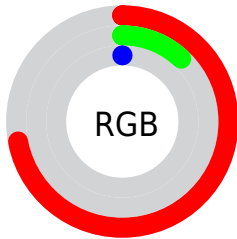
Format	Color
RYB	183, 37, 0
Decimal	12001024
CIELab	39.66, 57.57, 53.03
CIELCh	40, 78.274, 42.649
Yxy	11.0473, 0.6228, 0.3437
Android (android.graphics.Color)	4290191104 (0xFFB71F00)
YUV	72.9140, -35.9466, 96.5454
Hunter-Lab	33.2375, 49.3421, 21.3447

Details

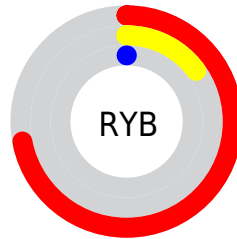
The XYZ color **20.0184, 11.0473, 1.0772** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **19.7726, 25.8697, 48.7505**, and the grayscale version is **6.3677, 6.6993, 7.2955**.

A 20% lighter version of the original color is **42.8048, 27.6764, 6.3348**, and **7.7457, 3.9931, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **20.0186, 11.0480, 1.0774**, and if you desaturate by 10%, it is **20.6253, 12.0826, 1.8303**.

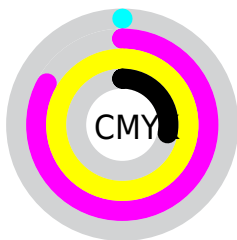
Distribution



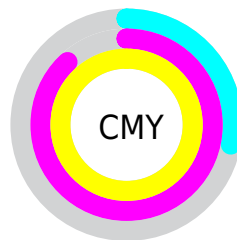
- Red (72%)
- Green (12%)
- Blue (0%)



- Red (72%)
- Yellow (15%)
- Blue (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (100%)
- Black (28%)





- Cyan (28%)
- Magenta (88%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 20.0184, 11.0473, 1.0772 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 20.0184, 11.0473, 1.0772 by changing the saturation by 10% instead.


 20.0184, 11.0473,
1.0772


 20.0184, 11.0473,
1.0772


 244.8464,
197.9918, 105.8207


 12.5168, 6.0987,
0.0000

 42.9517, 27.7476,
6.3152


 7.1713, 2.9052,
0.0000


 59.1141, 40.2680,
11.5439


 3.6168, 1.0824,
0.0000

 78.8942, 56.0812,
19.0706

 1.4877, 0.0000,
0.0000

 102.6572, 75.5715,
29.3136


 0.3174, 0.0000,
0.0000


 130.7686, 99.1233,
42.6916


 0.0000, 0.0000,
0.0000


 163.5937,


127.1210, 59.6230


 201.4978,
159.9491, 80.5266


 20.0184, 11.0473,
1.0772


 20.0184, 11.0473,
1.0772


 20.0186, 11.0480,
1.0774

 20.6253, 12.0826,
1.8303

 21.5468, 13.5800,
3.2031

 22.8422, 15.5955,
5.4082

 24.5481, 18.1722,
8.5518

 26.6967, 21.3481,
12.7244

■ 29.3166, 25.1583,
18.0056

■ 32.4343, 29.6348,
24.4670

■ 36.0739, 34.8075,
32.1745

■ 40.2583, 40.7046,
41.1889

Harmonies

Analogous

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



24.0591, 11.0473, 6.6661



20.0184, 11.0473, 1.0772



13.8730, 11.0473, 0.0000

Triad

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



20.0184, 11.0473, 1.0772



3.4282, 11.0473, 5.2128



12.9152, 11.0473, 69.6674

Complementary

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



20.0184, 11.0473, 1.0772



19.7726, 25.8697, 48.7505

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.



7.7237, 11.0473, 67.6708



20.0184, 11.0473, 1.0772



3.3258, 11.0473, 19.6934

Square

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



20.0184, 11.0473, 1.0772



4.9629, 11.0473, 0.7555



4.6098, 11.0473, 45.0191



19.1155, 11.0473, 49.2626

Rectangle

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



20.0184, 11.0473, 1.0772



10.0323, 11.0473, 0.0000



4.6098, 11.0473, 45.0191



10.9822, 11.0473, 71.8930

Sweetspot

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



20.0186, 11.0480, 1.0774



57.7915, 52.6497, 43.1953



25.2367, 12.3506, 30.9744



12.2257, 10.8573, 8.4178



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.



20.0186, 11.0480, 1.0774



35.7405, 19.5611, 1.8919



26.4877, 23.9861, 3.2337



9.1244, 9.2517, 9.4118



14.0009, 7.7781, 0.7634



0.5319, 0.3508, 0.0397

Inverse Universe

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



19.7726, 25.8697, 48.7505



35.2642, 46.0356, 87.2629



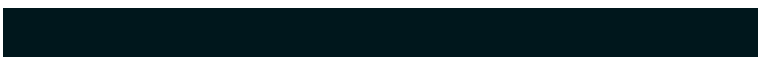
10.2159, 6.7563, 45.5649



9.1337, 9.9446, 11.5175



13.8375, 18.1346, 34.0241



0.5225, 0.7087, 1.2110

Previews

White Background



This preview shows how the XYZ color 20.0184, 11.0473, 1.0772 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 20.0184, 11.0473, 1.0772

Background



This preview shows how black text looks on a background with the XYZ color 20.0184, 11.0473, 1.0772.



This preview shows how white text looks on a background with the XYZ color 20.0184, 11.0473,

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

20.0184, 11.0473, 1.0772

Protanopia

10.3004, 11.3681, 2.4104

Deuteranopia

11.4019, 11.3054, 1.5812



Tritanopia

20.1774, 11.0298, 2.1641

Trichromacy



Original Color

20.0184, 11.0473, 1.0772

Protanomaly

12.3883, 9.8173, 1.6575

Deuteranomaly

13.4558, 10.0959, 1.2395

Tritanomaly

20.1019, 11.0395, 1.6436

Monochromacy



Original Color

20.0184, 11.0473, 1.0772

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.8162, 6.7341, 3.4199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0184, 11.0473, 1.0772 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(183, 31, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 31, 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(183, 31, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 31, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.0184, 11.0473, 1.0772 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(183, 31, 0) }
```


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

```
.border{ border-color:rgb(183, 31, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(183, 31, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 31, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 31, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 31, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 20.0184, 11.0473, 1.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 31, 0) }
```

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

```
.background{ background-color: rgb(183, 31,  
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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