

Converting Colors

XYZ(20.5514, 11.4020, 1.1176)

Have a look what the booklet for
XYZ(20.5514, 11.4020, 1.1176)
contains.

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Color

**XYZ(20.5514, 11.4020,
1.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	B92100
RGB	185, 33, 0
RGB Percent	73%, 13%, 0%
CMY	0.2745, 0.8705, 1.0000
CMYK	0.00, 0.82, 1.00, 0.27
HSL	11°, 100%, 36%
HSV	11°, 100%, 73%
XYZ	20.5514, 11.4020, 1.1176
YIQ	74.6860, 101.1850, 21.9610

Conversions

Conversions Part 2

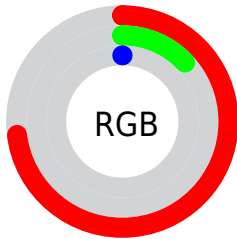
Format	Color
R_{YB}	185, 40, 0
Decimal	12132608
CIE Lab	40.25, 57.65, 53.52
CIE LCh	40, 78.660, 42.871
Yxy	11.4020, 0.6214, 0.3448
Android (android.graphics.Color)	4290322688 (0xFFB92100)
YUV	74.6860, -36.8202, 96.7454
Hunter-Lab	33.7668, 49.5479, 21.6744

Details

The XYZ color **20.5514, 11.4020, 1.1176** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **19.9826, 25.9542, 49.8549**, and the grayscale version is **6.6839, 7.0319, 7.6578**.

A 20% lighter version of the original color is **43.9585, 28.4006, 6.4138**, and **8.0260, 4.1376, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **20.5516, 11.4027, 1.1177**, and if you desaturate by 10%, it is **21.1864, 12.4909, 1.8883**.

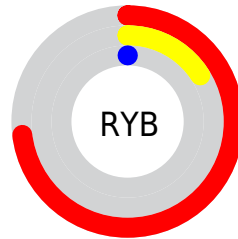
Distribution



Red (73%)

Green (13%)

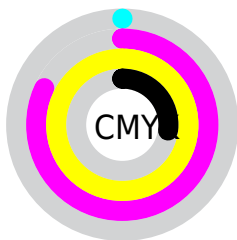
Blue (0%)



Red (73%)

Yellow (16%)

Blue (0%)

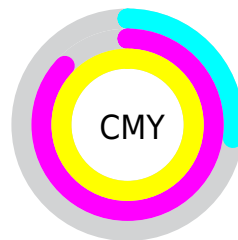


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 20.5514, 11.4020, 1.1176 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 20.5514, 11.4020, 1.1176 by changing the saturation by 10% instead.


 20.5514, 11.4020,
1.1176


 20.5514, 11.4020,
1.1176

 247.6618,
200.4051, 106.6725


 12.9071, 6.3379,
0.0000


 43.8367, 28.4012,
6.4458


 7.4411, 3.0516,
0.0000


 60.2083, 41.1050,
11.7390


 3.7883, 1.1587,
0.0000


 80.2198, 57.1243,
19.3429

 1.5831, 0.0276,
0.0000

 104.2364, 76.8433,
29.6761


 0.3813, 0.0000,
0.0000


 132.6236,
100.6465, 43.1571


 0.0000, 0.0000,
0.0000


 165.7466,


128.9183, 60.2045


 203.9709,
162.0430, 81.2368


 20.5514, 11.4020,
1.1176


 20.5514, 11.4020,
1.1176

 20.5516, 11.4027,
1.1177

 21.1864, 12.4909,
1.8883

 22.1417, 14.0485,
3.2949

 23.4770, 16.1307,
5.5538

 25.2291, 18.7800,
8.7737

 27.4305, 22.0344,
13.0475

■ 30.1100, 25.9287,
18.4566

■ 33.2943, 30.4949,
25.0747

■ 37.0079, 35.7629,
32.9692

■ 41.2737, 41.7606,
42.2023

Harmonies

Analogous

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



24.7153, 11.4020, 6.8282



20.5514, 11.4020, 1.1176



14.2501, 11.4020, 0.0000

Triad

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



20.5514, 11.4020, 1.1176



3.5595, 11.4020, 5.4740



13.3608, 11.4020, 71.2873

Complementary

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



20.5514, 11.4020, 1.1176



19.9826, 25.9542, 49.8549

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.



8.0181, 11.4020, 69.4410



20.5514, 11.4020, 1.1176



3.4638, 11.4020, 20.4332

Square

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



20.5514, 11.4020, 1.1176



5.1284, 11.4020, 0.8213



4.7993, 11.4020, 46.3947



19.7141, 11.4020, 50.3220

Rectangle

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



20.5514, 11.4020, 1.1176



10.3174, 11.4020, 0.0000



4.7993, 11.4020, 46.3947



11.3743, 11.4020, 73.6248

Sweetspot

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



20.5516, 11.4027, 1.1178



59.3290, 54.1867, 44.2754



25.8539, 12.6528, 31.7240



12.2558, 10.9175, 8.4278



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.



20.5516, 11.4027, 1.1178



36.6892, 20.1843, 1.9622



27.1317, 24.5628, 3.3111



9.1308, 9.2645, 9.4139



14.0329, 7.8422, 0.7741



0.5346, 0.3562, 0.0406

Inverse Universe

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



19.9826, 25.9542, 49.8549



35.6325, 46.1713, 89.2385



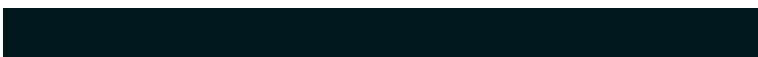
10.4614, 6.9118, 46.6812



9.1267, 9.9306, 11.5152



13.6546, 17.7689, 33.9631



0.5175, 0.6986, 1.2093

Previews

White Background



This preview shows how the XYZ color 20.5514, 11.4020, 1.1176 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 20.5514, 11.4020, 1.1176

Background



This preview shows how black text looks on a background with the XYZ color 20.5514, 11.4020, 1.1176.



This preview shows how white text looks on a background with the XYZ color 20.5514, 11.4020,

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

20.5514, 11.4020, 1.1176

Protanopia

10.6039, 11.7955, 2.4769

Deuteranopia

11.6262, 11.5471, 1.6160



Tritanopia

20.7319, 11.3880, 2.3337

Trichromacy



Original Color

20.5514, 11.4020, 1.1176

Protanomaly

12.6814, 10.1635, 1.7088

Deuteranomaly

13.6918, 10.3096, 1.2683

Tritanomaly

20.6416, 11.3943, 1.7275

Monochromacy



Original Color

20.5514, 11.4020, 1.1176

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

9.2196, 7.0900, 3.6789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5514, 11.4020, 1.1176 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(185, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 33, 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(185, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 33, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.5514, 11.4020, 1.1176 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(185, 33, 0) }
```


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

```
.border{ border-color:rgb(185, 33, 0) }
```

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

Here you see how a box with a 4 pixel rgb(185, 33, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 33, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 33, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 33, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 20.5514, 11.4020, 1.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 33, 0) }
```

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

```
.background{ background-color: rgb(185, 33,  
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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