

Converting Colors

XYZ(18.0985, 10.4826, 1.0694)

Have a look what the booklet for
XYZ(18.0985, 10.4826, 1.0694)
contains.

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Color

**XYZ(18.0265, 10.4701,
1.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	AD2900
RGB	173, 41, 0
RGB Percent	68%, 16%, 0%
CMY	0.3216, 0.8392, 1.0000
CMYK	0.00, 0.76, 1.00, 0.32
HSL	14°, 100%, 34%
HSV	14°, 100%, 68%
XYZ	18.0265, 10.4701, 1.0708
YIQ	75.7940, 91.8330, 15.2330

Conversions

Conversions Part 2

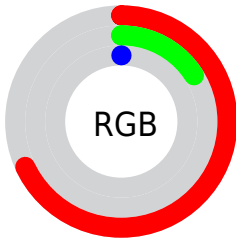
Format	Color
R_{YB}	173, 54, 0
Decimal	11348224
CIE Lab	38.67, 51.61, 51.41
CIE LCh	39, 72.851, 44.890
Yxy	10.4701, 0.6097, 0.3541
Android (android.graphics.Color)	4289538304 (0xFFAD2900)
YUV	75.7940, -37.3664, 85.2497
Hunter-Lab	32.3575, 42.8173, 20.6882

Details

The XYZ color **18.0265, 10.4701, 1.0708** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **15.7926, 19.5168, 42.4696**, and the grayscale version is **6.8870, 7.2457, 7.8905**.

A 20% lighter version of the original color is **39.4866, 26.6302, 6.3078**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **18.0267, 10.4707, 1.0709**, and if you desaturate by 10%, it is **18.6659, 11.5834, 1.7947**.

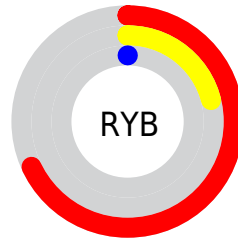
Distribution



Red (68%)

Green (16%)

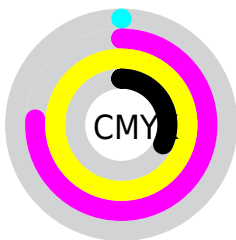
Blue (0%)



Red (68%)

Yellow (21%)

Blue (0%)

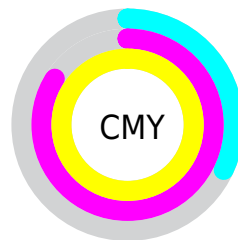


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (84%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 18.0265, 10.4701, 1.0708 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 18.0265, 10.4701, 1.0708 by changing the saturation by 10% instead.


 18.0265, 10.4701,
1.0708


 18.0265, 10.4701,
1.0708


 234.0631,
193.9951, 105.6842


 11.0688, 5.7117,
0.0000


 39.6122, 26.6760,
6.2944


 6.1808, 2.6706,
0.0000


 54.9709, 38.8924,
11.5128


 2.9970, 0.9623,
0.0000

 73.8607, 54.3636,
19.0270

 1.1522, 0.0000,
0.0000

 96.6469, 73.4739,
29.2556


 0.0681, 0.0000,
0.0000


 123.6949, 96.6079,
42.6171


 0.0000, 0.0000,
0.0000


 155.3700,


124.1498, 59.5300


 192.0376,
156.4841, 80.4128


 18.0265, 10.4701,
1.0708


 18.0265, 10.4701,
1.0708


 18.0267, 10.4707,
1.0709

 18.6659, 11.5834,
1.7947

 19.5624, 13.0662,
3.0501

 20.7643, 14.9578,
5.0298

 22.2993, 17.2873,
7.8243

 24.1916, 20.0805,
11.5110

■ 26.4630, 23.3616,
16.1580

■ 29.1335, 27.1526,
21.8268

■ 32.2218, 31.4745,
28.5737

■ 35.7451, 36.3468,
36.4510

Harmonies

Analogous

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



21.8007, 10.4701, 5.8677



18.0265, 10.4701, 1.0708



12.5563, 10.4701, 0.0000

Triad

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



18.0265, 10.4701, 1.0708



3.4361, 10.4701, 5.8051



12.5165, 10.4701, 60.7723

Complementary

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



18.0265, 10.4701, 1.0708



15.7926, 19.5168, 42.4696

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.



7.7344, 10.4701, 60.6923



18.0265, 10.4701, 1.0708



3.4316, 10.4701, 19.6304

Square

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



18.0265, 10.4701, 1.0708



4.7558, 10.4701, 1.0561



4.7405, 10.4701, 42.0785



17.9894, 10.4701, 42.2498

Rectangle

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



18.0265, 10.4701, 1.0708



9.1853, 10.4701, 0.0000



4.7405, 10.4701, 42.0785



10.7592, 10.4701, 63.2193

Sweetspot

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



18.0267, 10.4707, 1.0710



51.9082, 48.2502, 38.5115



21.4417, 10.5675, 22.9672



10.8420, 9.8652, 7.4308



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.0267, 10.4707, 1.0710



32.1466, 18.4753, 1.8718



24.8055, 24.0284, 3.3306



8.1537, 8.3121, 8.3880



13.2814, 7.7683, 0.7994



0.4113, 0.2997, 0.0362

Inverse Universe

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



15.7926, 19.5168, 42.4696



28.1106, 34.6070, 76.0040



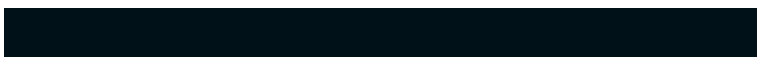
8.5250, 4.9815, 40.0470



8.0730, 8.7454, 10.2152



11.6476, 14.4291, 31.2157



0.3626, 0.4785, 0.8812

Previews

White Background



This preview shows how the XYZ color 18.0265, 10.4701, 1.0708 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 18.0265, 10.4701, 1.0708

Background



This preview shows how black text looks on a background with the XYZ color 18.0265, 10.4701, 1.0708.



This preview shows how white text looks on a background with the XYZ color 18.0265, 10.4701,

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

18.0265, 10.4701, 1.0708

Protanopia

9.7495, 10.8223, 2.2369

Deuteranopia

10.6922, 10.6925, 1.5003



Tritanopia

18.2929, 10.4169, 2.9660

Trichromacy



Original Color

18.0265, 10.4701, 1.0708

Protanomaly

11.5747, 9.5937, 1.6225

Deuteranomaly

12.5698, 9.8248, 1.2339

Tritanomaly

18.1346, 10.4055, 1.9724

Monochromacy



Original Color

18.0265, 10.4701, 1.0708

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

8.8666, 7.1479, 3.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0265, 10.4701, 1.0708 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(173, 41, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 41, 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(173, 41, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 41, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.0265, 10.4701, 1.0708 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(173, 41, 0) }
```


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

```
.border{ border-color:rgb(173, 41, 0) }
```

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

Here you see how a box with a 4 pixel rgb(173, 41, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 41, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 41, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 41, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.0265, 10.4701, 1.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 41, 0) }
```

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

```
.background{ background-color: rgb(173, 41,  
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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