

Converting Colors

XYZ(17.9937, 10.5784, 0.0000)

Have a look what the booklet for
XYZ(17.9937, 10.5784, 0.0000)
contains.

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Color

**XYZ(18.0975, 10.6120,
1.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	AD2B00
RGB	173, 43, 0
RGB Percent	68%, 17%, 0%
CMY	0.3216, 0.8313, 1.0000
CMYK	0.00, 0.75, 1.00, 0.32
HSL	15°, 100%, 34%
HSV	15°, 100%, 68%
XYZ	18.0975, 10.6120, 1.0945
YIQ	76.9680, 91.2830, 14.1870

Conversions

Conversions Part 2

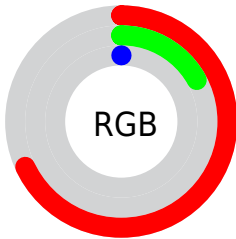
Format	Color
RYB	173, 57, 0
Decimal	11348736
CIELab	38.92, 50.93, 51.52
CIELCh	39, 72.447, 45.333
Yxy	10.6120, 0.6072, 0.3561
Android (android.graphics.Color)	4289538816 (0xFFAD2B00)
YUV	76.9680, -37.9452, 84.2201
Hunter-Lab	32.5761, 42.1568, 20.8112

Details

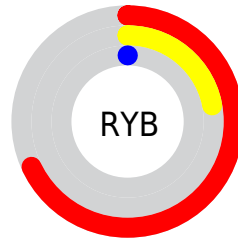
The XYZ color **18.0975, 10.6120, 1.0945** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **15.5244, 18.9803, 42.3803**, and the grayscale version is **7.1054, 7.4754, 8.1408**.

A 20% lighter version of the original color is **39.5796, 26.8162, 6.3388**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **18.0976, 10.6125, 1.0946**, and if you desaturate by 10%, it is **18.7516, 11.7548, 1.8234**.

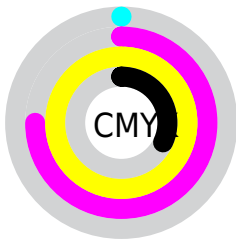
Distribution



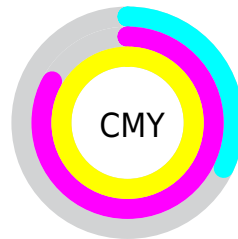
- Red (68%)
- Green (17%)
- Blue (0%)



- Red (68%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (100%)
- Black (32%)





- Cyan (32%)
- Magenta (83%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 18.0975, 10.6120, 1.0945 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 18.0975, 10.6120, 1.0945 by changing the saturation by 10% instead.


 18.0975, 10.6120,
1.0945


 18.0975, 10.6120,
1.0945


 234.4550,
194.9859, 106.1875


 11.1201, 5.8066,
0.0000


 39.7322, 26.9404,
6.3713


 6.2156, 2.7278,
0.0000


 55.1202, 39.2322,
11.6278


 3.0185, 0.9913,
0.0000

 74.0424, 54.7883,
19.1877

 1.1636, 0.0000,
0.0000

 96.8643, 73.9929,
29.4695


 0.0773, 0.0000,
0.0000


 123.9511, 97.2306,
42.8919


 0.0000, 0.0000,
0.0000


 155.6683,


124.8858, 59.8733


 192.3811,
157.3427, 80.8323


 18.0975, 10.6120,
1.0945


 18.0975, 10.6120,
1.0945


 18.0976, 10.6125,
1.0946

 18.7516, 11.7548,
1.8234

 19.6596, 13.2604,
3.0827

 20.8689, 15.1669,
5.0649

 22.4067, 17.5019,
7.8604

 24.2966, 20.2905,
11.5464

■ 26.5601, 23.5555,
16.1908

■ 29.2166, 27.3184,
21.8551

■ 32.2843, 31.5992,
28.5953

■ 35.7802, 36.4167,
36.4636

Harmonies

Analogous

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



21.9127, 10.6120, 5.8647



18.0975, 10.6120, 1.0945



12.6175, 10.6120, 0.0000

Triad

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



18.0975, 10.6120, 1.0945



3.5182, 10.6120, 6.0563



12.7387, 10.6120, 60.6476

Complementary

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



18.0975, 10.6120, 1.0945



15.5244, 18.9803, 42.3803

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.



7.9186, 10.6120, 60.8891



18.0975, 10.6120, 1.0945



3.5320, 10.6120, 20.0825

Square

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



18.0975, 10.6120, 1.0945



4.8297, 10.6120, 1.1405



4.8765, 10.6120, 42.5430



18.2102, 10.6120, 42.0249

Rectangle

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



18.0975, 10.6120, 1.0945



9.2499, 10.6120, 0.0000



4.8765, 10.6120, 42.5430



10.9719, 10.6120, 63.1868

Sweetspot

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



18.0977, 10.6126, 1.0947



52.0577, 48.5493, 38.5613



21.4419, 10.5676, 22.9674



10.8770, 9.9352, 7.4425



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.



18.0977, 10.6126, 1.0947



32.2684, 18.7189, 1.9124



24.8057, 24.0286, 3.3306



8.1610, 8.3268, 8.3905



13.3348, 7.8751, 0.8172



0.4141, 0.3054, 0.0371

Inverse Universe

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



15.5244, 18.9803, 42.3803



27.6251, 33.6360, 75.8422



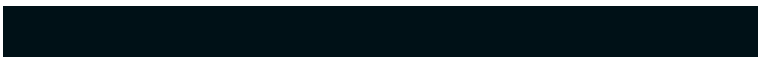
8.5251, 4.9817, 40.0472



8.0652, 8.7297, 10.2126



11.4518, 14.0375, 31.1504



0.3584, 0.4702, 0.8799

Previews

White Background



This preview shows how the XYZ color 18.0975, 10.6120, 1.0945 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 18.0975, 10.6120, 1.0945

Background



This preview shows how black text looks on a background with the XYZ color 18.0975, 10.6120, 1.0945.



This preview shows how white text looks on a background with the XYZ color 18.0975, 10.6120,

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

18.0975, 10.6120, 1.0945

Protanopia

9.8663, 10.8825, 2.2423

Deuteranopia

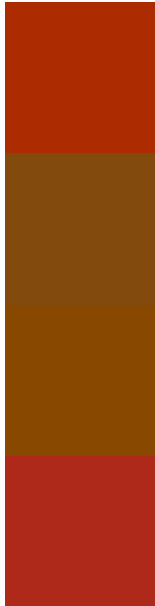
10.8258, 10.7614, 1.5066



Tritanopia

18.6146, 10.6763, 3.1775

Trichromacy



Original Color

18.0975, 10.6120, 1.0945

Protanomaly

11.7946, 9.8070, 1.6521

Deuteranomaly

12.6339, 9.9531, 1.2553

Tritanomaly

18.4350, 10.6591, 2.0631

Monochromacy



Original Color

18.0975, 10.6120, 1.0945

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

9.1268, 7.4471, 3.8621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0975, 10.6120, 1.0945 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, 43, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 43, 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, 43, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 43, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.0975, 10.6120, 1.0945 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, 43, 0) }
```


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

```
.border{ border-color:rgb(173, 43, 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, 43, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 43, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 43, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 43, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.0975, 10.6120, 1.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 43, 0) }
```

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

```
.background{ background-color: rgb(173, 43,  
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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