

Converting Colors

XYZ(18.2502, 10.9178, 1.1454)

Have a look what the booklet for
XYZ(18.2502, 10.9178, 1.1454)
contains.

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Color

**XYZ(18.2501, 10.9173,
1.1454)**

Conversions

Conversions Part 1

Format	Color
Hex	AD2F00
RGB	173, 47, 0
RGB Percent	68%, 18%, 0%
CMY	0.3216, 0.8156, 1.0000
CMYK	0.00, 0.73, 1.00, 0.32
HSL	16°, 100%, 34%
HSV	16°, 100%, 68%
XYZ	18.2501, 10.9173, 1.1454
YIQ	79.3160, 90.1830, 12.0950

Conversions

Conversions Part 2

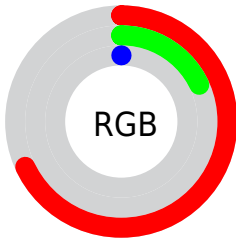
Format	Color
R _Y B	173, 65, 0
Decimal	11349760
CIE Lab	39.44, 49.49, 51.77
CIE LCh	39, 71.614, 46.289
Yxy	10.9173, 0.6021, 0.3602
Android (android.graphics.Color)	4289539840 (0xFFAD2F00)
YUV	79.3160, -39.1028, 82.1609
Hunter-Lab	33.0413, 40.7706, 21.0736

Details

The XYZ color **18.2501, 10.9173, 1.1454** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.0027, 17.9369, 42.2062**, and the grayscale version is **7.5542, 7.9476, 8.6549**.

A 20% lighter version of the original color is **39.8884, 27.3973, 6.5540**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **18.2502, 10.9178, 1.1454**, and if you desaturate by 10%, it is **18.9324, 12.1165, 1.8837**.

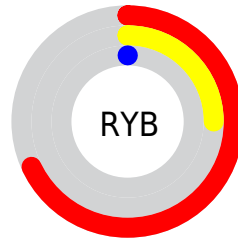
Distribution



Red (68%)

Green (18%)

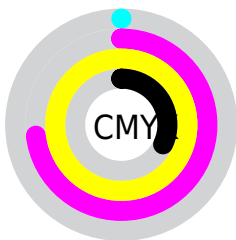
Blue (0%)



Red (68%)

Yellow (25%)

Blue (0%)

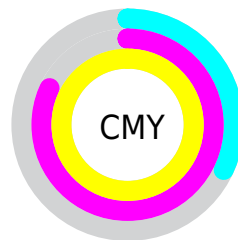


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (82%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2501, 10.9173, 1.1454 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 18.2501, 10.9173, 1.1454 by changing the saturation by 10% instead.


 18.2501, 10.9173,
1.1454


 18.2501, 10.9173,
1.1454


 235.2954,
197.0993, 107.2494


 11.2305, 6.0113,
0.0000


 39.9898, 27.5071,
6.5349


 6.2905, 2.8519,
0.0000


 55.4405, 39.9597,
11.8717

 3.0649, 1.0549,
0.0000

 74.4324, 55.6966,
19.5280

 1.1882, 0.0000,
0.0000

 97.3307, 75.1022,
29.9222

 0.0970, 0.0000,
0.0000

 124.5008, 98.5608,
43.4729

 0.0000, 0.0000,
0.0000

 156.3080,

126.4570, 60.5986

■ 193.1178,
159.1750, 81.7180

■ 18.2501, 10.9173,
1.1454

■ 18.2501, 10.9173,
1.1454

■ 18.2502, 10.9178,
1.1454

■ 18.9324, 12.1165,
1.8837

■ 19.8618, 13.6648,
3.1501

■ 21.0844, 15.5979,
5.1368

■ 22.6262, 17.9410,
7.9337

■ 24.5100, 20.7172,
11.6176

■ 26.7561, 23.9477,
16.2563

■ 29.3833, 27.6520,
21.9108

■ 32.4091, 31.8489,
28.6371

■ 35.8496, 36.5557,
36.4869

Harmonies

Analogous

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



22.1537, 10.9173, 5.8577



18.2501, 10.9173, 1.1454



12.7485, 10.9173, 0.0000

Triad

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



18.2501, 10.9173, 1.1454



3.6960, 10.9173, 6.6125



13.2193, 10.9173, 60.3942

Complementary

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



18.2501, 10.9173, 1.1454



15.0027, 17.9369, 42.2062

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.



8.3188, 10.9173, 61.3186



18.2501, 10.9173, 1.1454



3.7509, 10.9173, 21.0660

Square

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



18.2501, 10.9173, 1.1454



4.9885, 10.9173, 1.3335



5.1729, 10.9173, 43.5458



18.6861, 10.9173, 41.5566

Rectangle

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



18.2501, 10.9173, 1.1454



9.3878, 10.9173, 0.0000



5.1729, 10.9173, 43.5458



11.4325, 10.9173, 63.1289

Sweetspot

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



18.2503, 10.9180, 1.1456



52.3598, 49.1534, 38.6620



21.0555, 10.4131, 20.9334



10.9477, 10.0767, 7.4661



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.



18.2503, 10.9180, 1.1456



32.5320, 19.2460, 2.0002



25.5709, 25.5590, 3.5857



8.1757, 8.3563, 8.3954



13.4495, 8.1044, 0.8554



0.4199, 0.3169, 0.0390

Inverse Universe

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



15.0027, 17.9369, 42.2062



26.6818, 31.7494, 75.5277



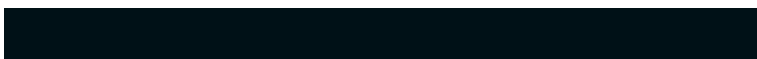
8.3141, 4.5597, 39.9767



8.0495, 8.6984, 10.2074



11.0709, 13.2757, 31.0235



0.3502, 0.4537, 0.8771

Previews

White Background



This preview shows how the XYZ color 18.2501, 10.9173, 1.1454 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 18.2501, 10.9173, 1.1454

Background



This preview shows how black text looks on a background with the XYZ color 18.2501, 10.9173, 1.1454.



This preview shows how white text looks on a background with the XYZ color 18.2501, 10.9173,

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

18.2501, 10.9173, 1.1454

Protanopia

10.0641, 11.1166, 2.2314

Deuteranopia

11.1801, 11.0667, 1.5468



Tritanopia

18.8299, 10.9895, 3.6114

Trichromacy



Original Color

18.2501, 10.9173, 1.1454

Protanomaly

11.9262, 10.0801, 1.6649

Deuteranomaly

13.0962, 10.3865, 1.3146

Tritanomaly

18.6157, 10.9642, 2.2975

Monochromacy



Original Color

18.2501, 10.9173, 1.1454

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

9.3929, 7.7553, 4.0195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2501, 10.9173, 1.1454 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, 47, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 47, 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, 47, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 47, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.2501, 10.9173, 1.1454 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, 47, 0) }
```


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

```
.border{ border-color:rgb(173, 47, 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, 47, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 47, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 47, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 47, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.2501, 10.9173, 1.1454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 47, 0) }
```

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

```
.background{ background-color: rgb(173, 47,  
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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