

Converting Colors

XYZ(15.0491, 10.3153, 1.1979)

Have a look what the booklet for
XYZ(15.0491, 10.3153, 1.1979)
contains.

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Color

**XYZ(15.0491, 10.3153,
1.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	9A3E00
RGB	154, 62, 0
RGB Percent	60%, 24%, 0%
CMY	0.3961, 0.7568, 1.0000
CMYK	0.00, 0.60, 1.00, 0.40
HSL	24°, 100%, 30%
HSV	24°, 100%, 60%
XYZ	15.0491, 10.3153, 1.1979
YIQ	82.4400, 74.7340, 0.2220

Conversions

Conversions Part 2

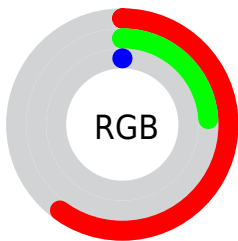
Format	Color
RYB	154, 104, 0
Decimal	10108416
CIELab	38.40, 36.00, 49.32
CIELCh	38, 61.059, 53.869
Yxy	10.3153, 0.5666, 0.3883
Android (android.graphics.Color)	4288298496 (0xFF9A3E00)
YUV	82.4400, -40.6429, 62.7581
Hunter-Lab	32.1174, 27.4333, 20.2708

Details

The XYZ color **15.0491, 10.3153, 1.1979** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.6596, 9.9868, 31.9902**, and the grayscale version is **8.1780, 8.6038, 9.3696**.

A 20% lighter version of the original color is **34.4611, 26.2925, 6.6268**, and **4.8170, 2.6283, 0.2534** is the 20% darker color. If you saturate the color by 10%, you get **15.0492, 10.3157, 1.1979**, and if you desaturate by 10%, it is **15.6818, 11.4383, 1.8484**.

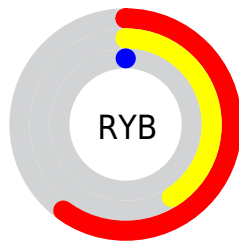
Distribution



Red (60%)

Green (24%)

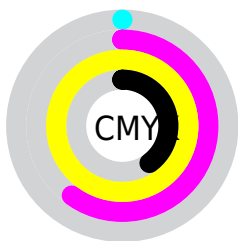
Blue (0%)



Red (60%)

Yellow (41%)

Blue (0%)

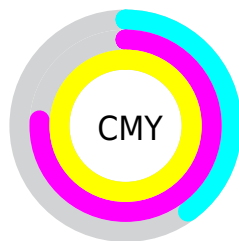


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0491, 10.3153, 1.1979 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 15.0491, 10.3153, 1.1979 by changing the saturation by 10% instead.


 15.0491, 10.3153,
1.1979


 15.0491, 10.3153,
1.1979


 217.0457,
192.9078, 108.3194


 8.9404, 5.6085,
0.0000


 34.5102, 26.3869,
6.7014


 4.7591, 2.6085,
0.0000

 48.5934, 38.5205,
12.1193

 2.1399, 0.9310,
0.0000

 66.0654, 53.8984,
19.8726

 0.7108, 0.0000,
0.0000


 87.2916, 72.9052,
30.3798


 0.0000, 0.0000,
0.0000


 112.6374, 95.9251,
44.0596


 142.4681,


123.3426, 61.3304


 177.1491,
155.5420, 82.6109


 15.0491, 10.3153,
1.1979


 15.0491, 10.3153,
1.1979


 15.0492, 10.3157,
1.1979

 15.6818, 11.4383,
1.8484

 16.4695, 12.7647,
2.8785

 17.4464, 14.3146,
4.4493

 18.6283, 16.1001,
6.6263

 20.0290, 18.1318,
9.4659

■ 21.6608, 20.4198,
13.0176

■ 23.5351, 22.9734,
17.3263

■ 25.6625, 25.8017,
22.4332

■ 28.0527, 28.9128,
28.3764

Harmonies

Analogous

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



18.6082, 10.3153, 4.4887



15.0491, 10.3153, 1.1979



10.6453, 10.3153, 0.3846

Triad

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



15.0491, 10.3153, 1.1979



3.9908, 10.3153, 9.0480



13.2415, 10.3153, 45.5997

Complementary

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



15.0491, 10.3153, 1.1979



9.6596, 9.9868, 31.9902

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.



9.0089, 10.3153, 50.2013



15.0491, 10.3153, 1.1979



4.3360, 10.3153, 22.6504

Square

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



15.0491, 10.3153, 1.1979



4.8283, 10.3153, 2.6275



5.9463, 10.3153, 39.8938



17.3823, 10.3153, 29.7641

Rectangle

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



15.0491, 10.3153, 1.1979



8.0808, 10.3153, 0.4847



5.9463, 10.3153, 39.8938



11.7572, 10.3153, 48.8195

Sweetspot

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



15.0493, 10.3159, 1.1981



42.5353, 41.4393, 30.9619



15.2757, 7.6498, 10.8888



9.3151, 8.9564, 6.2815



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.0493, 10.3159, 1.1981



27.1591, 18.3810, 2.1164



22.5012, 25.2196, 3.6820



6.4027, 6.6106, 6.5443



12.2944, 8.4711, 0.9871



0.2180, 0.1951, 0.0262

Inverse Universe

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



9.6596, 9.9868, 31.9902



17.3532, 17.7534, 58.0484



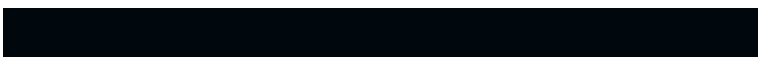
6.0093, 2.6862, 30.7735



6.1758, 6.6090, 7.8791



7.9055, 8.2077, 26.0753



0.1537, 0.1938, 0.4017

Previews

White Background



This preview shows how the XYZ color 15.0491, 10.3153, 1.1979 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 15.0491, 10.3153, 1.1979

Background



This preview shows how black text looks on a background with the XYZ color 15.0491, 10.3153, 1.1979.



This preview shows how white text looks on a background with the XYZ color 15.0491, 10.3153,

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

15.0491, 10.3153, 1.1979

Protanopia

9.5069, 10.5723, 1.9915

Deuteranopia

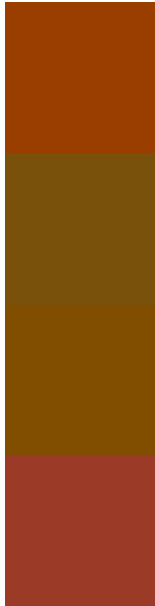
10.4784, 10.4612, 1.4669



Tritanopia

15.8729, 10.3316, 5.5725

Trichromacy



Original Color

15.0491, 10.3153, 1.1979

Protanomaly

11.0233, 10.0443, 1.6449

Deuteranomaly

11.7776, 10.1159, 1.3318

Tritanomaly

15.4477, 10.2430, 3.0824

Monochromacy



Original Color

15.0491, 10.3153, 1.1979

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.3203, 8.4682, 4.3921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0491, 10.3153, 1.1979 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(154, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 62, 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(154, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 62, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.0491, 10.3153, 1.1979 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(154, 62, 0) }
```


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

```
.border{ border-color:rgb(154, 62, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 62, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 62, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.0491, 10.3153, 1.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 62, 0) }
```

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

```
.background{ background-color: rgb(154, 62,  
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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