

Converting Colors

XYZ(14.7484, 7.5891, 1.3213)

Have a look what the booklet for
XYZ(14.7484, 7.5891, 1.3213)
contains.

XYZ(14.8155, 7.6241, 1.3068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.8155, 7.6241,
1.3068)**

Conversions

Conversions Part 1

Format	Color
Hex	A10013
RGB	161, 0, 19
RGB Percent	63%, 0%, 7%
CMY	0.3686, 0.9999, 0.9255
CMYK	0.00, 1.00, 0.88, 0.37
HSL	353°, 100%, 32%
HSV	353°, 100%, 63%
XYZ	14.8155, 7.6241, 1.3068
YIQ	50.3050, 89.8570, 40.0410

Conversions

Conversions Part 2

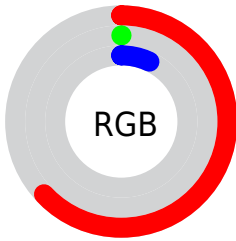
Format	Color
RYB	161, 0, 19
Decimal	10551315
CIELab	33.19, 57.07, 39.01
CIELCh	33, 69.135, 34.356
Yxy	7.6241, 0.6239, 0.3211
Android (android.graphics.Color)	4288741395 (0xFFA10013)
YUV	50.3050, -15.4334, 97.0795
Hunter-Lab	27.6118, 47.4562, 16.5222

Details

The XYZ color **14.8155, 7.6241, 1.3068** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.6295, 27.4435, 29.9692**, and the grayscale version is **3.0779, 3.2382, 3.5264**.

A 20% lighter version of the original color is **34.1538, 21.2383, 7.0019**, and **5.2555, 2.7093, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **14.8152, 7.6240, 1.3058**, and if you desaturate by 10%, it is **15.1624, 8.0623, 2.2107**.

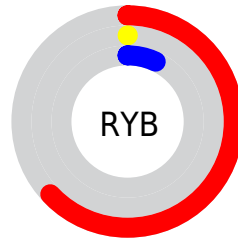
Distribution



Red (63%)

Green (0%)

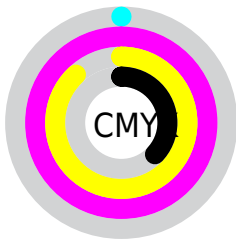
Blue (7%)



Red (63%)

Yellow (0%)

Blue (7%)

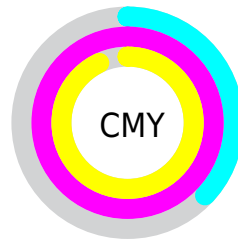


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (37%)



Cyan (37%)


Magenta (100%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8155, 7.6241, 1.3068 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 14.8155, 7.6241, 1.3068 by changing the saturation by 10% instead.


 14.8155, 7.6241,
1.3068


 14.8155, 7.6241,
1.3068


 215.6574,
172.7532, 110.4640


 8.7755, 3.8554,
0.0674


 34.1035, 21.2182,
7.0403


 4.6510, 1.5930,
0.0000

 48.0822, 31.8123,
12.6208


 2.0766, 0.3529,
0.0000

 65.4378, 45.4503,
20.5685

 0.6764, 0.0000,
0.0000

 86.5357, 62.5167,
31.3019


 0.0000, 0.0000,
0.0000


 111.7413, 83.3958,
45.2396


 141.4198,


108.4720, 62.8002

 175.9367,
138.1296, 84.4021


 14.8155, 7.6241,
1.3068


 14.8155, 7.6241,
1.3068

 14.8152, 7.6240,
1.3058

 15.1624, 8.0623,
2.2107

 15.7417, 8.8307,
3.6071

 16.6269, 10.0611,
5.5667

 17.8532, 11.8111,
8.1415

 19.4511, 14.1300,
11.3775

■ 21.4475, 17.0612,
15.3163

■ 23.8671, 20.6440,
19.9960

■ 26.7324, 24.9145,
25.4521

■ 30.0642, 29.9059,
31.7176

Harmonies

Analogous

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



16.8623, 7.6241, 6.8529



14.8155, 7.6241, 1.3068



10.7677, 7.6241, 0.0000

Triad

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



14.8155, 7.6241, 1.3068



2.5504, 7.6241, 2.2503



7.7983, 7.6241, 49.4584

Complementary

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



14.8155, 7.6241, 1.3068



17.6295, 27.4435, 29.9692

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.



4.5911, 7.6241, 43.3493



14.8155, 7.6241, 1.3068



2.2272, 7.6241, 9.9408

Square

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



14.8155, 7.6241, 1.3068



3.9370, 7.6241, 0.0102



2.8283, 7.6241, 25.8376



12.0283, 7.6241, 38.8718

Rectangle

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



14.8155, 7.6241, 1.3068



7.9663, 7.6241, 0.0000



2.8283, 7.6241, 25.8376



6.5714, 7.6241, 49.3278

Sweetspot

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



14.8157, 7.6246, 1.3069



42.4719, 36.5672, 35.2885



17.1705, 8.1090, 34.3782



8.9235, 7.4394, 6.9856



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.8157, 7.6246, 1.3069



26.4945, 13.6386, 2.1359



16.2645, 10.7101, 1.2108



7.1062, 7.0989, 7.5455



11.8410, 6.0925, 1.0876



0.2582, 0.1318, 0.0722

Inverse Universe

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



14.8157, 7.6246, 1.3069



26.4945, 13.6386, 2.1359



11.1823, 12.0713, 35.4586



7.1062, 7.0989, 7.5455



11.8410, 6.0925, 1.0876



0.2582, 0.1318, 0.0722

Previews

White Background



This preview shows how the XYZ color 14.8155, 7.6241, 1.3068 looks on a white background.

Color Contrast Check

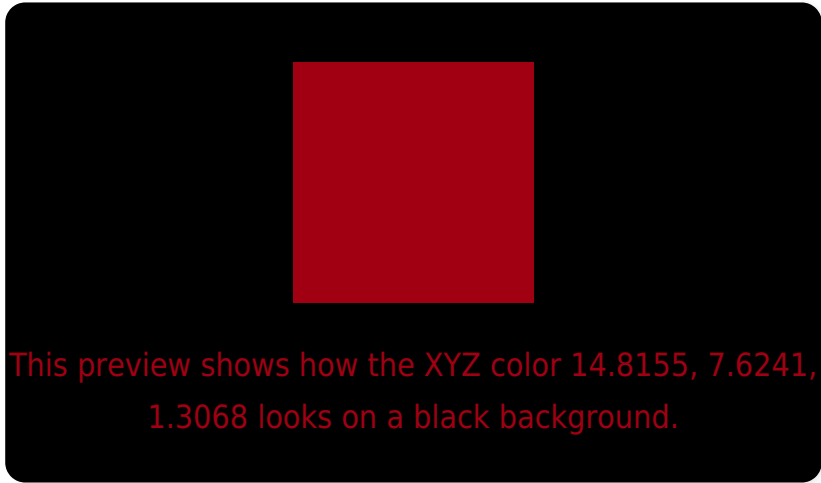
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 14.8155, 7.6241, 1.3068

Background



This preview shows how black text looks on a background with the XYZ color 14.8155, 7.6241, 1.3068.



This preview shows how white text looks on a background with the XYZ color 14.8155, 7.6241,

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

14.8155, 7.6241, 1.3068

Protanopia

7.5313, 8.2188, 2.6283

Deuteranopia

8.2474, 8.1913, 1.1464



Tritanopia

14.6680, 7.8152, 0.7354

Trichromacy



Original Color

14.8155, 7.6241, 1.3068

Protanomaly

8.6401, 6.2528, 1.8501

Deuteranomaly

9.4488, 6.4971, 0.9571

Tritanomaly

14.6441, 7.7060, 0.9166

Monochromacy



Original Color

14.8155, 7.6241, 1.3068

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

5.0992, 3.3532, 2.2979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8155, 7.6241, 1.3068 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(161, 0, 19)` looks like.

```
.text, #text, p{  
  color:rgb(161, 0, 19)  
}
```

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(161, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 19) }
```

Border

The CSS property to change the border of an element to XYZ 14.8155, 7.6241, 1.3068 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(161, 0, 19) }
```


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

```
.border{ border-color:rgb(161, 0, 19) }
```

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

Here you see how a box with a 4 pixel rgb(161, 0, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 19);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 19)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8155, 7.6241, 1.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 19) }
```

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

```
.background{ background-color: rgb(161, 0,  
19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor