

Converting Colors

XYZ(14.8070, 7.6125, 1.6296)

Have a look what the booklet for
XYZ(14.8070, 7.6125, 1.6296)
contains.

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Color

**XYZ(14.8734, 7.6473,
1.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	A10019
RGB	161, 0, 25
RGB Percent	63%, 0%, 10%
CMY	0.3686, 0.9999, 0.9020
CMYK	0.00, 1.00, 0.84, 0.37
HSL	351°, 100%, 32%
HSV	351°, 100%, 63%
XYZ	14.8734, 7.6473, 1.6119
YIQ	50.9890, 87.9310, 41.9070

Conversions

Conversions Part 2

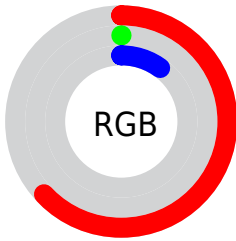
Format	Color
RYB	161, 0, 25
Decimal	10551321
CIELab	33.24, 57.21, 35.78
CIELCh	33, 67.479, 32.025
Yxy	7.6473, 0.6163, 0.3169
Android (android.graphics.Color)	4288741401 (0xFFA10019)
YUV	50.9890, -12.8126, 96.4796
Hunter-Lab	27.6538, 47.6111, 15.9017

Details

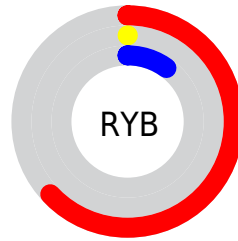
The XYZ color **14.8734, 7.6473, 1.6119** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.1909, 27.2680, 27.6597**, and the grayscale version is **3.1543, 3.3186, 3.6140**.

A 20% lighter version of the original color is **34.3307, 21.3091, 7.9339**, and **5.2555, 2.7093, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **14.8730, 7.6471, 1.6105**, and if you desaturate by 10%, it is **15.2446, 8.0952, 2.6442**.

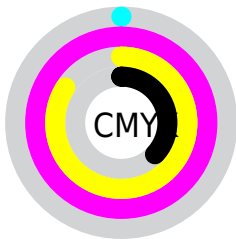
Distribution



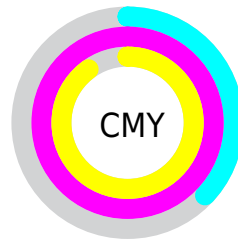
- Red (63%)
- Green (0%)
- Blue (10%)



- Red (63%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (37%)




- Cyan (37%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8734, 7.6473, 1.6119 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 14.8734, 7.6473, 1.6119 by changing the saturation by 10% instead.


 14.8734, 7.6473,
1.6119


 14.8734, 7.6473,
1.6119


216.0023,
172.9389, 116.0254


 8.8163, 3.8701,
0.2993


 34.2044, 21.2640,
7.9497


 4.6777, 1.6012,
0.0000

 48.2091, 31.8724,
13.9532


 2.0922, 0.3584,
0.0000

 65.5936, 45.5266,
22.4043

 0.6850, 0.0000,
0.0000

 86.7234, 62.6110,
33.7218

 0.0000, 0.0000,
0.0000

 111.9638, 83.5100,
48.3241


 141.6802,


108.6081, 66.6298


 176.2379,
138.2896, 89.0574


 14.8734, 7.6473,
1.6119


 14.8734, 7.6473,
1.6119


 14.8730, 7.6471,
1.6105

 15.2446, 8.0952,
2.6442

 15.8449, 8.8721,
4.1505

 16.7459, 10.1089,
6.1932

 17.9817, 11.8627,
8.8176

 19.5816, 14.1825,
12.0642

■ 21.5718, 17.1112,
15.9696

■ 23.9759, 20.6879,
20.5678

■ 26.8158, 24.9483,
25.8902

■ 30.1117, 29.9255,
31.9664

Harmonies

Analogous

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



16.6321, 7.6473, 7.6444



14.8734, 7.6473, 1.6119



11.0299, 7.6473, 0.0000

Triad

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



14.8734, 7.6473, 1.6119



2.7039, 7.6473, 2.0538



7.5163, 7.6473, 48.1075

Complementary

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



14.8734, 7.6473, 1.6119



17.1909, 27.2680, 27.6597

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.



4.4773, 7.6473, 41.0532



14.8734, 7.6473, 1.6119



2.3082, 7.6473, 9.0482

Square

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



14.8734, 7.6473, 1.6119



4.1770, 7.6473, 0.0067



2.8327, 7.6473, 23.9180



11.5998, 7.6473, 39.0539

Rectangle

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



14.8734, 7.6473, 1.6119



8.2735, 7.6473, 0.0000



2.8327, 7.6473, 23.9180



6.3485, 7.6473, 47.5315

Sweetspot

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



14.8736, 7.6478, 1.6120



42.6682, 36.6457, 36.3221



16.2920, 7.6562, 34.3369



8.9693, 7.4577, 7.2269



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.



14.8736, 7.6478, 1.6120



26.5895, 13.6766, 2.6364



16.0025, 10.1862, 1.1235



7.1165, 7.1031, 7.5999



11.8890, 6.1117, 1.3402



0.2618, 0.1332, 0.0914

Inverse Universe

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



14.8736, 7.6478, 1.6120



26.5895, 13.6766, 2.6364



11.7268, 13.1603, 35.6400



7.1165, 7.1031, 7.5999



11.8890, 6.1117, 1.3402



0.2618, 0.1332, 0.0914

Previews

White Background



This preview shows how the XYZ color 14.8734, 7.6473, 1.6119 looks on a white background.

Color Contrast Check

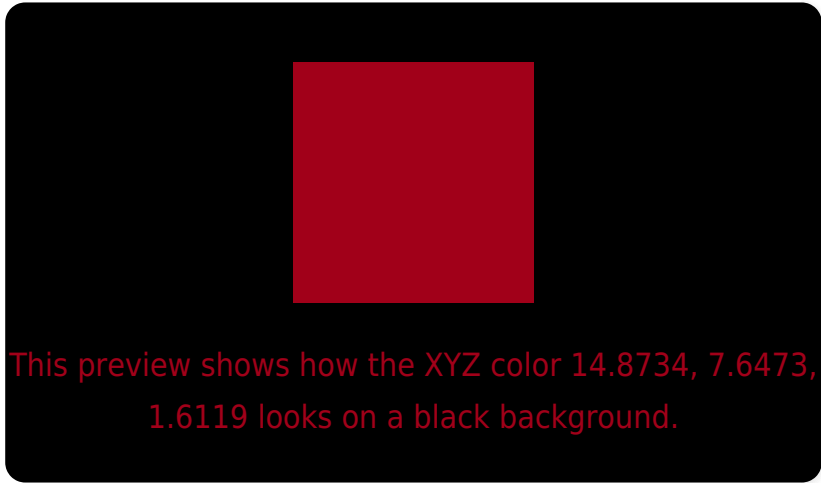
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8734, 7.6473, 1.6119

Background



This preview shows how black text looks on a background with the XYZ color 14.8734, 7.6473, 1.6119.



This preview shows how white text looks on a background with the XYZ color 14.8734, 7.6473,

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

14.8734, 7.6473, 1.6119

Protanopia

7.5591, 8.2186, 3.2858

Deuteranopia

8.2474, 8.1913, 1.1464



Tritanopia

14.6542, 7.7877, 0.7308

Trichromacy



Original Color

14.8734, 7.6473, 1.6119

Protanomaly

8.7338, 6.2903, 2.3439

Deuteranomaly

9.4598, 6.5014, 1.0148

Tritanomaly

14.6442, 7.6887, 0.9707

Monochromacy



Original Color

14.8734, 7.6473, 1.6119

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.2488, 3.4243, 2.5748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8734, 7.6473, 1.6119 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 25) }
```

Border

The CSS property to change the border of an element to XYZ 14.8734, 7.6473, 1.6119 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, 25) }
```


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

```
.border{ border-color:rgb(161, 0, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8734, 7.6473, 1.6119 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, 25) }
```

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

```
.background{ background-color: rgb(161, 0,  
25) }
```

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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