

Converting Colors

XYZ(14.0058, 7.7954, 0.0000)

Have a look what the booklet for
XYZ(14.0058, 7.7954, 0.0000)
contains.

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Color

**XYZ(14.0797, 7.8067,
0.7648)**

Conversions

Conversions Part 1

Format	Color
Hex	9C1A00
RGB	156, 26, 0
RGB Percent	61%, 10%, 0%
CMY	0.3882, 0.8980, 1.0000
CMYK	0.00, 0.83, 1.00, 0.39
HSL	10°, 100%, 31%
HSV	10°, 100%, 61%
XYZ	14.0797, 7.8067, 0.7648
YIQ	61.9060, 85.8260, 19.4740

Conversions

Conversions Part 2

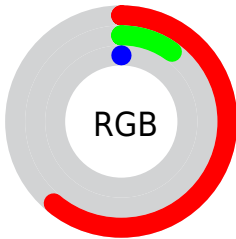
Format	Color
R_{YB}	156, 31, 0
Decimal	10230272
CIE Lab	33.58, 50.86, 46.95
CIE LCh	34, 69.222, 42.710
Yxy	7.8067, 0.6216, 0.3446
Android (android.graphics.Color)	4288420352 (0xFF9C1A00)
YUV	61.9060, -30.5197, 82.5204
Hunter-Lab	27.9405, 41.0535, 17.9354

Details

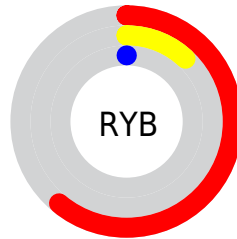
The XYZ color **14.0797, 7.8067, 0.7648** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13.9820, 18.3628, 34.2597**, and the grayscale version is **4.6000, 4.8396, 5.2703**.

A 20% lighter version of the original color is **32.9381, 21.6225, 5.3433**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **14.0798, 7.8071, 0.7648**, and if you desaturate by 10%, it is **14.5266, 8.5559, 1.3606**.

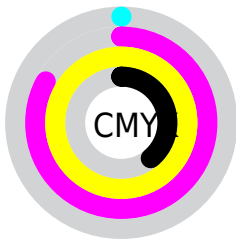
Distribution



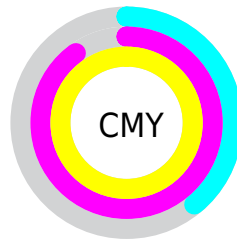
- Red (61%)
- Green (10%)
- Blue (0%)



- Red (61%)
- Yellow (12%)
- Blue (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (100%)
- Black (39%)




- Cyan (39%)
- Magenta (90%)
- Yellow (100%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0797, 7.8067, 0.7648 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 14.0797, 7.8067, 0.7648 by changing the saturation by 10% instead.


 14.0797, 7.8067,
0.7648


 14.0797, 7.8067,
0.7648


 211.2268,
174.2079, 98.9110


 8.2582, 3.9715,
0.0000


 32.8155, 21.5786,
5.2965


 4.3138, 1.6576,
0.0000

 46.4604, 32.2841,
10.0047


 1.8811, 0.3960,
0.0000

 63.4439, 46.0486,
16.9039

 0.5658, 0.0000,
0.0000


 84.1313, 63.2563,
26.4124


 0.0000, 0.0000,
0.0000

 108.8879, 84.2917,
38.9488


 138.0791,

109.5391, 54.9317


 172.0703,
139.3831, 74.7796


 14.0797, 7.8067,
0.7648


 14.0797, 7.8067,
0.7648


 14.0798, 7.8071,
0.7648

 14.5266, 8.5559,
1.3606

 15.1886, 9.6247,
2.3676

 16.1101, 11.0531,
3.9528

 17.3157, 12.8700,
6.1870

 18.8271, 15.1013,
9.1306

■ 20.6636, 17.7706,
12.8372

■ 22.8432, 20.9000,
17.3551

■ 25.3823, 24.5096,
22.7287

■ 28.2963, 28.6188,
28.9991

Harmonies

Analogous

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



16.9109, 7.8067, 4.7182



14.0797, 7.8067, 0.7648



9.7761, 7.8067, 0.0000

Triad

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



14.0797, 7.8067, 0.7648



2.4451, 7.8067, 3.7212



9.1222, 7.8067, 48.7500

Complementary

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



14.0797, 7.8067, 0.7648



13.9820, 18.3628, 34.2597

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.



5.4766, 7.8067, 47.3940



14.0797, 7.8067, 0.7648



2.3746, 7.8067, 13.9012

Square

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



14.0797, 7.8067, 0.7648



3.5250, 7.8067, 0.4913



3.2827, 7.8067, 31.6102



13.4643, 7.8067, 34.4952

Rectangle

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



14.0797, 7.8067, 0.7648



7.0843, 7.8067, 0.0000



3.2827, 7.8067, 31.6102



7.7662, 7.8067, 50.3137

Sweetspot

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



14.0799, 7.8072, 0.7649



41.2365, 37.5983, 30.9910



17.7395, 8.6796, 21.8594



8.7207, 7.7675, 6.0833



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.



14.0799, 7.8072, 0.7649



25.4743, 13.9822, 1.3562



18.6606, 16.9686, 2.2918



6.7180, 6.8160, 6.9472



11.6158, 6.4672, 0.6361



0.2296, 0.1595, 0.0187

Inverse Universe

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



13.9820, 18.3628, 34.2597



25.2713, 33.1040, 62.1845



7.2288, 4.8564, 32.0086



6.7277, 7.3211, 8.4652



11.5385, 15.1685, 28.2269



0.2291, 0.3168, 0.5123

Previews

White Background



This preview shows how the XYZ color 14.0797, 7.8067, 0.7648 looks on a white background.

Color Contrast Check

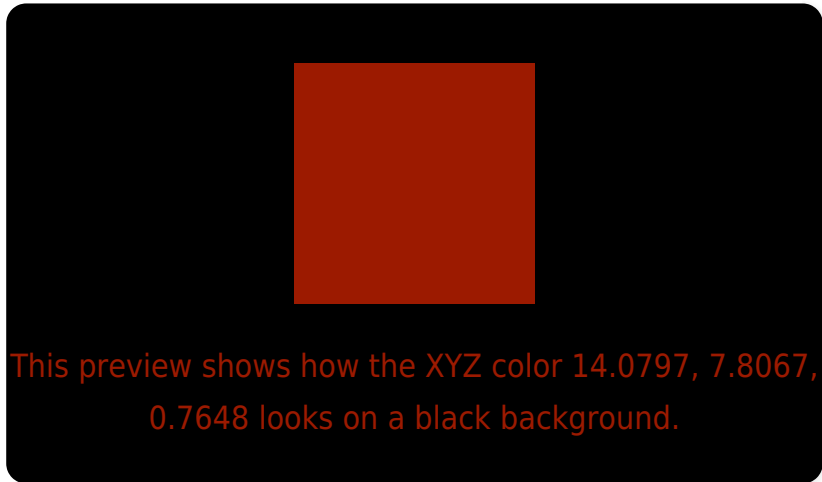
Large Text (above 18pt) WCAG AA ✓ Pass

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

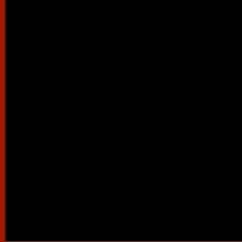
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0797, 7.8067, 0.7648

Background



This preview shows how black text looks on a background with the XYZ color 14.0797, 7.8067, 0.7648.



This preview shows how white text looks on a background with the XYZ color 14.0797, 7.8067,

0.7648.

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

14.0797, 7.8067, 0.7648

Protanopia

7.3744, 8.1560, 1.8017

Deuteranopia

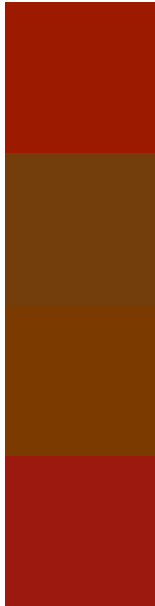
8.1334, 8.1325, 1.1411



Tritanopia

14.2126, 7.8250, 1.5719

Trichromacy



Original Color

14.0797, 7.8067, 0.7648

Protanomaly

8.8053, 7.0089, 1.2366

Deuteranomaly

9.5391, 7.1637, 0.8800

Tritanomaly

14.1442, 7.7977, 1.2116

Monochromacy



Original Color

14.0797, 7.8067, 0.7648

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

6.2884, 4.8299, 2.5203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0797, 7.8067, 0.7648 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(156, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 26, 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(156, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 26, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.0797, 7.8067, 0.7648 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(156, 26, 0) }
```


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

```
.border{ border-color:rgb(156, 26, 0) }
```

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

Here you see how a box with a 4 pixel rgb(156, 26, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 26, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 26, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 26, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0797, 7.8067, 0.7648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 26, 0) }
```

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

```
.background{ background-color: rgb(156, 26,  
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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