

Converting Colors

YUV(159.1240, -78.4481,
55.1423)

Have a look what the booklet for
YUV(159.1240, -78.4481, 55.1423)
contains.

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Color

**YUV(159.1240, -78.4481,
55.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9E00
RGB	222, 158, 0
RGB Percent	87%, 62%, 0%
CMY	0.1294, 0.3804, 1.0000
CMYK	0.00, 0.29, 1.00, 0.13
HSL	43°, 100%, 44%
HSV	43°, 100%, 87%
XYZ	42.3511, 39.9833, 5.4854
YIQ	159.1240, 88.8620, -35.5700

Conversions

Conversions Part 2

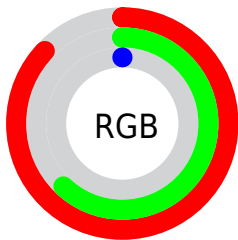
Format	Color
R_{YB}	90, 222, 0
Decimal	14589440
CIE Lab	69.46, 13.54, 73.47
CIE LCh	69, 74.712, 79.555
Yxy	39.9833, 0.4822, 0.4553
Android (android.graphics.Color)	4292779520 (0xFFDE9E00)
YUV	159.1240, -78.4481, 55.1423
Hunter-Lab	63.2324, 8.8971, 39.1192

Details

The YUV color **159.1240, -78.4481, 55.1423** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **62.8760, 78.4481, -55.1423**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3530, -65.7430, 40.0324**, and **110.9480, -54.6974, 43.8956** is the 20% darker color. If you saturate the color by 10%, you get **159.1240, -78.4481, 55.1423**, and if you desaturate by 10%, it is **165.1540, -70.5749, 49.8539**.

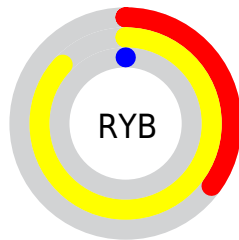
Distribution



Red (87%)

Green (62%)

Blue (0%)



Red (35%)

Yellow (87%)

Blue (0%)

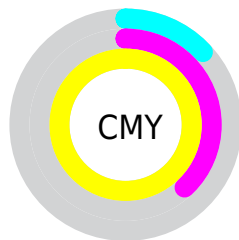


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1240, -78.4481, 55.1423 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 YUV color 159.1240, -78.4481, 55.1423 by changing the saturation by 10% instead.

159.1240,
-78.4481, 55.1423

159.1240,
-78.4481, 55.1423

255.0000, 0.0000,
0.0000

134.5930,
-66.3543, 49.4689

209.3530,
-65.7430, 40.0324

110.9480,
-54.6974, 43.8956

229.6820,
-61.4682, 22.2039

88.1890, -43.4772,
38.4222

241.0920,
-53.2894, 12.1973

65.7180, -32.3990,
31.8193

244.2840,
-41.0590, 9.3979

44.7310, -22.0524,
26.5459

247.4760,
-28.8287, 6.5985

24.9180, -12.2846,
20.2429

250.7820,

7.2900, -3.1010,

-16.1615, 3.6992

14.6547

254.2020, -3.0576,
0.6998

0.0000, 0.0000,
0.0000

159.1240,
-78.4481, 55.1423

165.1540,
-70.5749, 49.8539

171.7710,
-62.9911, 44.0508

177.9150,
-54.6811, 38.6625

184.5320,
-47.0973, 32.8594

190.5620,
-39.2241, 27.5711

■ 196.5920,
-31.3509, 22.2828

■ 203.2090,
-23.7670, 16.4797

■ 209.3530,
-15.4570, 11.0914

■ 215.9700, -7.8732,
5.2883

Harmonies

Analogous

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



159.6060, -45.6548, 83.6605



159.1240, -78.4481, 55.1423



153.9560, -73.9283, 5.3006

Triad

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



159.1240, -78.4481, 55.1423



142.2690, 34.8704, -124.7699



173.8400, 40.0119, 46.6213

Complementary

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



159.1240, -78.4481, 55.1423



62.8760, 78.4481, -55.1423

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.



159.7450, 46.9607, -35.7334



159.1240, -78.4481, 55.1423



144.7090, 54.3735, -126.9098

Square

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



159.1240, -78.4481, 55.1423



133.7020, 4.5839, -117.2567



137.0780, 58.1355, -120.2174



159.6370, 17.9270, 83.6334

Rectangle

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



159.1240, -78.4481, 55.1423



149.3910, -47.0278, -36.2999



137.0780, 58.1355, -120.2174



171.9250, 40.9560, 23.7448

Sweetspot

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



159.1240, -78.4481, 55.1423



233.4220, -26.8300, 18.9239



74.0160, -3.4589, 129.7820



114.5380, -16.0412, 11.8062



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.1240, -78.4481, 55.1423



182.4920, -89.9686, 63.5895



183.5360, -90.4832, -4.8551



108.9850, -3.9366, 2.6442



125.9990, -62.1175, 43.8509



34.3100, -16.9148, 12.0061

Inverse Universe

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



62.8760, 78.4481, -55.1423



72.5080, 89.9686, -63.5895



38.4640, 90.4832, 4.8551



104.0150, 3.9366, -2.6442



50.0010, 62.1175, -43.8509



13.6900, 16.9148, -12.0061

Previews

White Background



This preview shows how the YUV color 159.1240, -78.4481, 55.1423 looks on a white 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

Black Background



This preview shows how the YUV color 159.1240, -78.4481, 55.1423 looks on a black 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

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

YUV 159.1240, -78.4481, 55.1423

Background



This preview shows how black text looks on a background with the YUV color 159.1240, -78.4481, 55.1423.



This preview shows how white text looks on a background with the YUV color 159.1240, -78.4481, 55.1423.

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

159.1240, -78.4481, 55.1423

Protanopia

158.6800, -71.8202, 29.2216

Deuteranopia

158.7920, -78.2845, 49.2944



Tritanopia

172.7720, -7.2826, 49.3120

Trichromacy



Original Color

159.1240, -78.4481, 55.1423

Protanomaly

159.0510, -74.4681, 38.5433

Deuteranomaly

159.1020, -78.4373, 51.6535

Tritanomaly

167.7250, -32.8954, 51.1072

Monochromacy



Original Color

159.1240, -78.4481, 55.1423

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2650, -28.7246, 19.9386

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1240, -78.4481, 55.1423 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(222, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 158, 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(222, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 158, 0) }
```

Border

The CSS property to change the border of an element to YUV 159.1240, -78.4481, 55.1423 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(222, 158, 0) }
```


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

```
.border{ border-color:rgb(222, 158, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 158,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 159.1240, -78.4481, 55.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 158, 0) }
```

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

```
.background{ background-color: rgb(222,  
158, 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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