

Converting Colors

YUV(98.0320, -48.3298,
101.7039)

Have a look what the booklet for
YUV(98.0320, -48.3298, 101.7039)
contains.

YUV(98.0320, -48.3298, 101.7039)	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>	30

Color

**YUV(98.0320, -48.3298,
101.7039)**

Conversions

Conversions Part 1

Format	Color
Hex	D63A00
RGB	214, 58, 0
RGB Percent	84%, 23%, 0%
CMY	0.1608, 0.7725, 1.0000
CMYK	0.00, 0.73, 1.00, 0.16
HSL	16°, 100%, 42%
HSV	16°, 100%, 84%
XYZ	29.2446, 17.3223, 1.8022
YIQ	98.0320, 111.5940, 15.0340

Conversions

Conversions Part 2

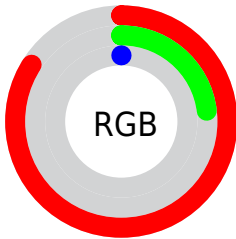
Format	Color
R _Y B	214, 80, 0
Decimal	14039552
CIE Lab	48.66, 58.83, 60.52
CIE LCh	49, 84.400, 45.812
Yxy	17.3223, 0.6046, 0.3581
Android (android.graphics.Color)	4292229632 (0xFFD63A00)
YUV	98.0320, -48.3298, 101.7039
Hunter-Lab	41.6200, 52.5893, 26.5667

Details

The YUV color **98.0320, -48.3298, 101.7039** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **115.9680, 48.3298, -101.7039**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3620, -45.5345, 91.7675**, and **44.8500, -22.1110, 92.2166** is the 20% darker color. If you saturate the color by 10%, you get **98.0320, -48.3298, 101.7039**, and if you desaturate by 10%, it is **109.8180, -43.7873, 91.3676**.

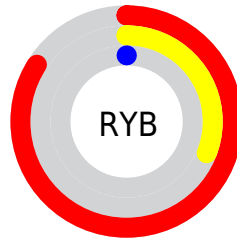
Distribution



Red (84%)

Green (23%)

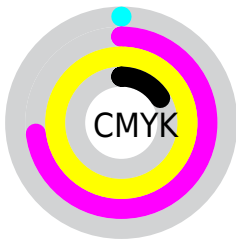
Blue (0%)



Red (84%)

Yellow (31%)

Blue (0%)

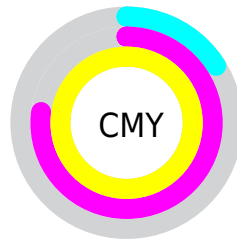


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (77%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 98.0320, -48.3298, 101.7039 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 98.0320, -48.3298, 101.7039 by changing the saturation by 10% instead.


 98.0320, -48.3298,
101.7039

 98.0320, -48.3298,
101.7039


 254.2020, -3.0576,
0.6998

 67.9190, -33.4841,
100.0490


 150.3620,
-45.5345, 91.7675

 44.8500, -22.1110,
92.2166


 169.7620,
-42.2807, 74.7537

 35.2820, -17.3940,
72.5437


 189.7490,
-39.3163, 57.2251

 26.0130, -12.8244,
53.4856

 209.1490,
-36.0625, 40.2113

 18.2820, -7.5340,
36.5867

 229.8370,
-32.9506, 22.0680

 6.5780, -3.2430,
13.5251


 247.7040,


 0.0000, 0.0000,


-27.9551, 6.3986


0.0000


 250.8960,
-15.7247, 3.5992


 98.0320, -48.3298,
101.7039

 109.8180,
-43.7873, 91.3676

 121.1310,
-38.5186, 81.4461

 132.9170,
-33.9761, 71.1098

 144.2300,
-28.7074, 61.1883

 156.0160,
-24.1649, 50.8520

■ 167.8020,
-19.6224, 40.5156

■ 179.1150,
-14.3537, 30.5941

■ 190.9010, -9.8112,
20.2578

■ 202.2140, -4.5425,
10.3363

Harmonies

Analogous

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



79.9120, 1.0294, 136.8892



98.0320, -48.3298, 101.7039



109.2310, -53.8509, 52.4174

Triad

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



98.0320, -48.3298, 101.7039



92.8330, -7.3127, -81.4145



94.8140, 78.9717, -83.1519

Complementary

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



98.0320, -48.3298, 101.7039



115.9680, 48.3298, -101.7039

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.



107.7280, 72.6051, -94.4775



98.0320, -48.3298, 101.7039



102.5570, 24.8684, -89.9425

Square

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



98.0320, -48.3298, 101.7039



80.4190, -39.6466, -70.5275



108.7930, 53.8391, -95.4115



115.4400, 50.0691, 40.8331

Rectangle

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



98.0320, -48.3298, 101.7039



107.8370, -53.1636, 18.5600



108.7930, 53.8391, -95.4115



100.0970, 76.3672, -87.7851

Sweetspot

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



98.0320, -48.3298, 101.7039



213.4640, -16.9908, 36.4271



81.8840, 37.0322, 115.8657



102.7980, -10.2534, 22.1022



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.



98.0320, -48.3298, 101.7039



116.7480, -57.5568, 121.2470



160.2540, -79.0052, 47.1352



101.0500, -2.4896, 5.2182



78.1310, -38.5186, 81.4461



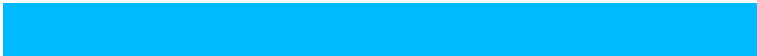
19.9010, -9.8112, 20.2578

Inverse Universe

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



115.9680, 48.3298, -101.7039



138.2520, 57.5568, -121.2470



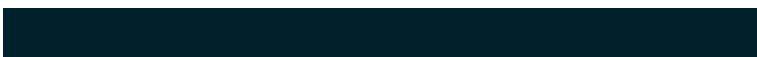
53.7460, 79.0052, -47.1352



101.9500, 2.4897, -5.2181



92.8690, 38.5186, -81.4461



23.6860, 9.5218, -20.7726

Previews

White Background



This preview shows how the YUV color 98.0320, -48.3298, 101.7039 looks on a white background.

Color Contrast Check

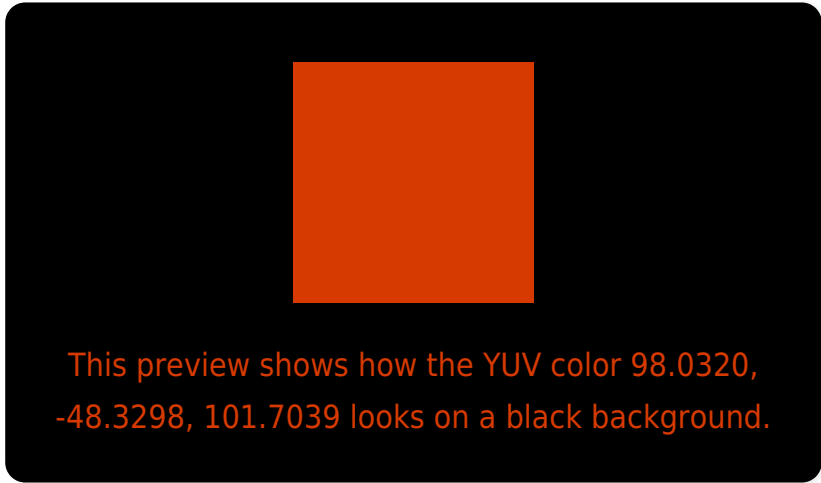
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

YUV 98.0320, -48.3298, 101.7039

Background



This preview shows how black text looks on a background with the YUV color 98.0320, -48.3298, 101.7039.



This preview shows how white text looks on a background with the YUV color 98.0320, -48.3298,

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



Protanopia

110.5840, -42.6859, 17.9048

Deuteranopia

109.1100, -53.7912, 33.2295

Tritanopia

102.3670, -22.8589, 98.7791

Trichromacy



Protanomaly

106.2010, -44.9621, 48.0587

Deuteranomaly

105.1330, -51.8306, 57.7654

Tritanomaly

100.6740, -31.8843, 100.2639

Monochromacy



Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6490, -17.5750, 37.1418

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0320, -48.3298, 101.7039 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(214, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 58, 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(214, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 58, 0) }
```

Border

The CSS property to change the border of an element to YUV 98.0320, -48.3298, 101.7039 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(214, 58, 0) }
```

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

```
.border{ border-color:rgb(214, 58, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 58, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 58, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 98.0320, -48.3298, 101.7039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 58, 0) }
```

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

```
.background{ background-color: rgb(214, 58,  
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](#).

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