

Converting Colors

YUV(99.4830, -49.0451,
97.8004)

Have a look what the booklet for
YUV(99.4830, -49.0451, 97.8004)
contains.

YUV(99.4830, -49.0451, 97.8004)	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

**YUV(99.4830, -49.0451,
97.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	D33E00
RGB	211, 62, 0
RGB Percent	83%, 24%, 0%
CMY	0.1725, 0.7569, 1.0000
CMYK	0.00, 0.71, 1.00, 0.17
HSL	18°, 100%, 41%
HSV	18°, 100%, 83%
XYZ	28.5866, 17.2941, 1.8314
YIQ	99.4830, 108.7060, 12.3060

Conversions

Conversions Part 2

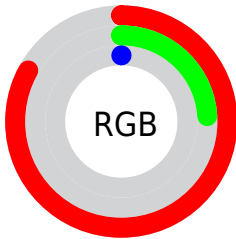
Format	Color
RYB	211, 88, 0
Decimal	13843968
CIELab	48.63, 56.43, 60.18
CIELCh	49, 82.501, 46.845
Yxy	17.2941, 0.5991, 0.3625
Android (android.graphics.Color)	4292034048 (0xFFD33E00)
YUV	99.4830, -49.0451, 97.8004
Hunter-Lab	41.5862, 49.9260, 26.4993

Details

The YUV color **99.4830, -49.0451, 97.8004** 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 **111.5170, 49.0451, -97.8004**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2370, -45.9658, 90.1232**, and **43.9530, -21.6688, 90.3722** is the 20% darker color. If you saturate the color by 10%, you get **99.4830, -49.0451, 97.8004**, and if you desaturate by 10%, it is **110.6820, -44.2132, 87.9789**.

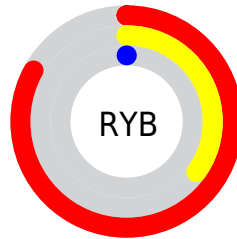
Distribution



Red (83%)

Green (24%)

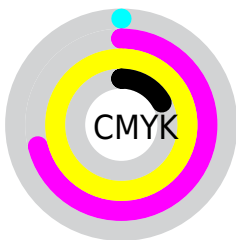
Blue (0%)



Red (83%)

Yellow (35%)

Blue (0%)

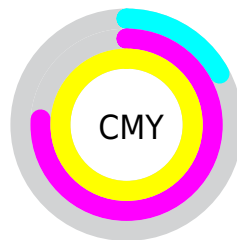


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 99.4830, -49.0451, 97.8004 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 99.4830, -49.0451, 97.8004 by changing the saturation by 10% instead.


 99.4830, -49.0451,
97.8004


 99.4830, -49.0451,
97.8004


 254.2020, -3.0576,
0.6998


 71.1310, -35.0676,
94.6011


 152.2370,
-45.9658, 90.1232


 43.9530, -21.6688,
90.3722


 171.5230,
-43.1488, 73.2093


 34.6840, -17.0992,
71.3141


 190.9230,
-39.8950, 56.1955

 25.4150, -12.5296,
52.2560

 210.9100,
-36.9306, 38.6669

 17.5700, -7.6760,
35.4571

 231.0110,
-33.5294, 21.0384

 5.3820, -2.6533,
11.0660


 247.7040,


 0.0000, 0.0000,


-27.9551, 6.3986

0.0000


 250.8960,
-15.7247, 3.5992

 99.4830, -49.0451,
97.8004

 110.6820,
-44.2132, 87.9789

 121.8810,
-39.3813, 78.1574

 133.0800,
-34.5494, 68.3358

 144.2790,
-29.7175, 58.5143

 155.5920,
-24.4489, 48.5928

■ 166.2040,
-19.3276, 39.2861

■ 177.4030,
-14.4957, 29.4646

■ 188.6020, -9.6638,
19.6430

■ 199.8010, -4.8319,
9.8215

Harmonies

Analogous

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



78.7870, 0.5980, 135.2448



99.4830, -49.0451, 97.8004



108.9210, -53.6981, 50.0583

Triad

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



99.4830, -49.0451, 97.8004



92.5880, -5.7129, -81.1997



93.8850, 77.9507, -82.3371

Complementary

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



99.4830, -49.0451, 97.8004



111.5170, 49.0451, -97.8004

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.



106.9130, 72.0209, -93.7627



99.4830, -49.0451, 97.8004



102.0840, 25.5946, -89.5277

Square

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



99.4830, -49.0451, 97.8004



80.4190, -39.6466, -70.5275



108.0920, 53.6916, -94.7967



115.4680, 47.5903, 42.5626

Rectangle

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



99.4830, -49.0451, 97.8004



107.2390, -52.8688, 17.3304



108.0920, 53.6916, -94.7967



99.5100, 76.6566, -87.2703

Sweetspot

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



99.4830, -49.0451, 97.8004



214.6380, -17.5695, 35.3975



80.3030, 34.8536, 114.6213



103.3850, -10.5428, 21.5874



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.



99.4830, -49.0451, 97.8004



120.2700, -59.2931, 118.1582



159.9440, -78.8524, 44.7761



99.0500, -2.4897, 5.2181



78.9950, -38.9445, 78.0574



19.3030, -9.5164, 19.0283

Inverse Universe

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



111.5170, 49.0451, -97.8004



134.7300, 59.2931, -118.1582



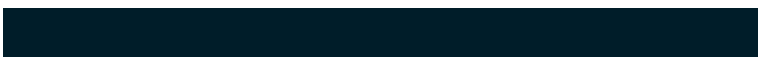
51.0560, 78.8524, -44.7761



99.3630, 2.7790, -4.7034



89.0050, 38.9445, -78.0574



21.6970, 9.5164, -19.0283

Previews

White Background



This preview shows how the YUV color 99.4830, -49.0451, 97.8004 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



This preview shows how the YUV color 99.4830, -49.0451, 97.8004 looks on a 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 99.4830, -49.0451, 97.8004

Background



This preview shows how black text looks on a background with the YUV color 99.4830, -49.0451, 97.8004.



This preview shows how white text looks on a background with the YUV color 99.4830, -49.0451,

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

99.4830, -49.0451, 97.8004

Protanopia

110.4700, -43.1227, 18.0048

Deuteranopia

108.5230, -53.5018, 33.7443



Tritanopia

104.2740, -21.8271, 94.4757

Trichromacy



Original Color

99.4830, -49.0451, 97.8004

Protanomaly

106.4890, -45.1041, 46.9291

Deuteranomaly

105.4210, -51.9726, 56.6358

Tritanomaly

102.3530, -31.7260, 96.1604

Monochromacy



Original Color

99.4830, -49.0451, 97.8004

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.5240, -18.0063, 35.4975

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4830, -49.0451, 97.8004 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(211, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 62, 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(211, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 62, 0) }
```

Border

The CSS property to change the border of an element to YUV 99.4830, -49.0451, 97.8004 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(211, 62, 0) }
```


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

```
.border{ border-color:rgb(211, 62, 0) }
```

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

Here you see how a box with a 4 pixel rgb(211, 62, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 62, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 99.4830, -49.0451, 97.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 62, 0) }
```

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

```
.background{ background-color: rgb(211, 62,  
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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