

Converting Colors

YUV(99.0830, -48.8479,
127.9692)

Have a look what the booklet for
YUV(99.0830, -48.8479, 127.9692)
contains.

YUV(99.0830, -48.8479, 127.9692)	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(99.0830, -48.8479,
127.9692)**

Conversions

Conversions Part 1

Format	Color
Hex	F52C00
RGB	245, 44, 0
RGB Percent	96%, 17%, 0%
CMY	0.0392, 0.8275, 1.0000
CMYK	0.00, 0.82, 1.00, 0.04
HSL	11°, 100%, 48%
HSV	11°, 100%, 96%
XYZ	38.5569, 21.2138, 2.0625
YIQ	99.0830, 133.9200, 28.9280

Conversions

Conversions Part 2

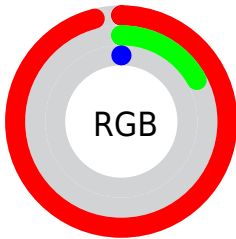
Format	Color
R_{YB}	245, 54, 0
Decimal	16067584
CIE Lab	53.18, 71.93, 65.97
CIE LCh	53, 97.600, 42.523
Yxy	21.2138, 0.6236, 0.3431
Android (android.graphics.Color)	4294257664 (0xFFFF52C00)
YUV	99.0830, -48.8479, 127.9692
Hunter-Lab	46.0585, 68.8251, 29.5859

Details

The YUV color **99.0830, -48.8479, 127.9692** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **145.9170, 48.8479, -127.9692**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6550, -43.2139, 94.1416**, and **53.2220, -26.2384, 109.4303** is the 20% darker color. If you saturate the color by 10%, you get **99.0830, -48.8479, 127.9692**, and if you desaturate by 10%, it is **113.5590, -44.1526, 115.2738**.

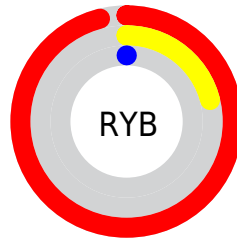
Distribution



Red (96%)

Green (17%)

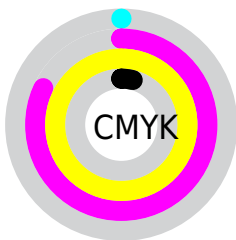
Blue (0%)



Red (96%)

Yellow (21%)

Blue (0%)

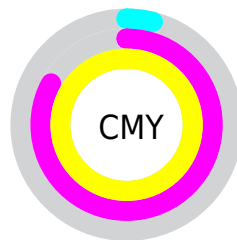


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (83%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.0830, -48.8479, 127.9692 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 99.0830, -48.8479, 127.9692 by changing the saturation by 10% instead.


 99.0830, -48.8479,
127.9692


 99.0830, -48.8479,
127.9692


 254.5440, -1.7472,
0.3999


 63.0890, -31.1029,
129.7179


 147.6550,
-43.2139, 94.1416


 53.2220, -26.2384,
109.4303


 168.2290,
-40.5389, 76.0982

 43.3550, -21.3740,
89.1427


 188.2160,
-37.5745, 58.5696

 33.7870, -16.6570,
69.4698

 208.7900,
-34.8995, 40.5262

 25.1590, -10.9244,
50.7266

 229.4780,
-31.7877, 22.3828


 15.7760, -6.7916,
31.7684


 247.9320,


 0.0000, 0.0000,


-27.0815, 6.1986


0.0000


 251.2380,
-14.4143, 3.2993


 99.0830, -48.8479,
127.9692

 113.5590,
-44.1526, 115.2738

 128.1490,
-39.0205, 102.4783

 142.7390,
-33.8883, 89.6829

 157.2150,
-29.1930, 76.9874

 172.3920,
-24.3503, 63.6772

■ 186.8680,
-19.6549, 50.9818

■ 201.3440,
-14.9596, 38.2863

■ 215.9340, -9.8275,
25.4909

■ 230.5240, -4.6953,
12.6955

Harmonies

Analogous

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



87.3030, 4.7806, 147.0703



99.0830, -48.8479, 127.9692



119.0540, -58.6936, 65.7276

Triad

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



99.0830, -48.8479, 127.9692



100.3670, -13.9849, -88.0219



103.6190, 74.6308, -90.8739

Complementary

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



99.0830, -48.8479, 127.9692



145.9170, 48.8479, -127.9692

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.



117.7070, 67.6854, -103.2290



99.0830, -48.8479, 127.9692



112.2740, 24.0219, -98.4643

Square

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



99.0830, -48.8479, 127.9692



88.0500, -43.4087, -77.2198



120.8070, 59.2551, -105.9477



126.6210, 62.3048, 36.2894

Rectangle

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



99.0830, -48.8479, 127.9692



119.1000, -58.7163, 26.2223



120.8070, 59.2551, -105.9477



109.4890, 71.7369, -96.0219

Sweetspot

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



99.0830, -48.8479, 127.9692



209.3550, -14.9650, 40.0307



96.5110, 52.9921, 130.2249



100.4500, -9.0959, 24.1613



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.



99.0830, -48.8479, 127.9692



103.2470, -50.9008, 133.0874



168.9360, -83.2854, 66.7081



114.7620, -2.3477, 6.3477



74.9850, -36.9676, 97.3602



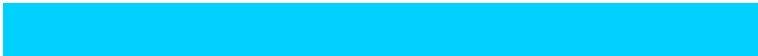
24.0980, -11.8803, 30.6091

Inverse Universe

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



145.9170, 48.8479, -127.9692



151.7530, 50.9008, -133.0874



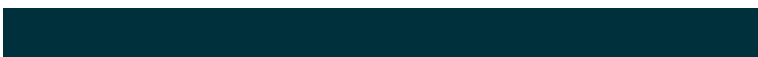
76.0640, 83.2854, -66.7081



117.2380, 2.3477, -6.3477



111.0150, 36.9676, -97.3602



34.9020, 11.8803, -30.6091

Previews

White Background



This preview shows how the YUV color 99.0830, -48.8479, 127.9692 looks on a white 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

Black Background



This preview shows how the YUV color 99.0830, -48.8479, 127.9692 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 × Fail

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

YUV 99.0830, -48.8479, 127.9692

Background



This preview shows how black text looks on a background with the YUV color 99.0830, -48.8479, 127.9692.



This preview shows how white text looks on a background with the YUV color 99.0830, -48.8479,

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

99.0830, -48.8479, 127.9692

Protanopia

121.3130, -45.0173, 19.0195

Deuteranopia

119.1660, -58.7488, 36.6884



Tritanopia

101.8820, -30.5078, 125.5145

Trichromacy



Original Color

99.0830, -48.8479, 127.9692

Protanomaly

112.9250, -46.3050, 58.8248

Deuteranomaly

111.9990, -55.2155, 70.1609

Tritanomaly

100.7590, -37.3492, 126.4994

Monochromacy



Original Color

99.0830, -48.8479, 127.9692

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0030, -17.7495, 46.4784

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0830, -48.8479, 127.9692 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(245, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 44, 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(245, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 44, 0) }
```

Border

The CSS property to change the border of an element to YUV 99.0830, -48.8479, 127.9692 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(245, 44, 0) }
```


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

```
.border{ border-color:rgb(245, 44, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 44, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 44, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 99.0830, -48.8479, 127.9692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 44, 0) }
```

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

```
.background{ background-color: rgb(245, 44,  
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