

# Converting Colors

YUV(114.2790, -52.8885,  
117.2733)

Have a look what the booklet for  
YUV(114.2790, -52.8885, 117.2733)  
contains.

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# Color

**YUV(114.2790, -52.8885,  
117.2733)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F84307
RGB	248, 67, 7
RGB Percent	97%, 26%, 3%
CMY	0.0275, 0.7373, 0.9725
CMYK	0.00, 0.73, 0.97, 0.03
HSL	15°, 95%, 50%
HSV	15°, 97%, 97%
XYZ	40.7569, 23.9861, 2.6827
YIQ	114.2790, 127.1360, 19.7120

# Conversions

## Conversions Part 2

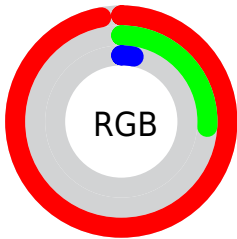
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 87, 7
Decimal	16270087
CIE <sub>Lab</sub>	56.07, 66.38, 66.07
CIE <sub>LCh</sub>	56, 93.655, 44.865
Yxy	23.9861, 0.6045, 0.3557
Android (android.graphics.Color)	4294460167 (0xFFFF84307)
YUV	114.2790, -52.8885, 117.2733
Hunter-Lab	48.9756, 62.8382, 31.0353

# Details

The YUV color **114.2790, -52.8885, 117.2733** 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 **140.7210, 52.8885, -117.2733**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7310, -45.2234, 85.3049**, and **54.4180, -26.8281, 111.8894** is the 20% darker color. If you saturate the color by 10%, you get **110.5460, -54.4992, 120.5472**, and if you desaturate by 10%, it is **128.2820, -47.4670, 104.9927**.

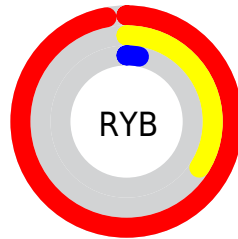
# Distribution



Red (97%)

Green (26%)

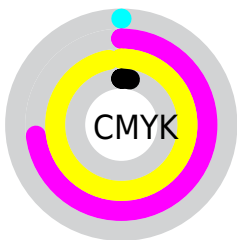
Blue (3%)



Red (97%)

Yellow (34%)

Blue (3%)

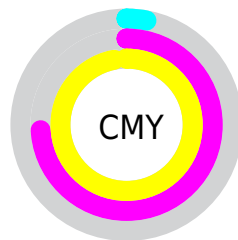


Cyan (0%)

Magenta (73%)

Yellow (97%)

Black (3%)



Cyan (3%)

Magenta (74%)


Yellow (97%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 114.2790, -52.8885, 117.2733 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 114.2790, -52.8885, 117.2733 by changing the saturation by 10% instead.





 114.2790,  
-52.8885, 117.2733


 114.2790,  
-52.8885, 117.2733


255.0000, 0.0000,  
0.0000


 82.4820, -40.6636,  
116.2183


 157.7310,  
-45.2234, 85.3049


 54.4180, -26.8281,  
111.8894


 177.7180,  
-42.2590, 67.7763

 44.5510, -21.9636,  
91.6018


 197.7050,  
-39.2946, 50.2477

 34.9830, -17.2466,  
71.9289

 218.3930,  
-36.1827, 32.1043

 25.8280, -12.2402,  
52.7708

 238.6080,  
-32.3447, 14.3758


 17.2710, -7.5286,  
34.8423

 248.8440,


 4.7840, -2.3585,


-23.5871, 5.3988


9.8364


 252.0360,  
-11.3567, 2.5994


 0.0000, 0.0000,  
0.0000


 114.2790,  
-52.8885, 117.2733

 114.2790,  
-52.8885, 117.2733

 110.5460,  
-54.4992, 120.5472

 128.2820,  
-47.4670, 104.9927

 141.6980,  
-41.7561, 93.2269

 155.5870,  
-36.7714, 81.0462

 169.5900,  
-31.3499, 68.7656

 183.0060,  
-25.6390, 56.9997

■ 197.0090,  
-20.2174, 44.7191

■ 210.4250,  
-14.5065, 32.9533

■ 224.3140, -9.5218,  
20.7726

■ 238.3170, -4.1003,  
8.4920

# Harmonies

## Analogous

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



87.4170, 5.2174, 146.9703



114.2790, -52.8885, 117.2733



126.4080, -62.3191, 61.9092

# Triad

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



114.2790, -52.8885, 117.2733



106.8870, -9.3113, -93.7399



106.5540, 73.1839, -93.4479

# Complementary

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



114.2790, -52.8885, 117.2733



140.7210, 52.8885, -117.2733

# 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.



120.6420, 66.2385, -105.8030



114.2790, -52.8885, 117.2733



118.4520, 27.3852, -103.8824

# Square

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



114.2790, -52.8885, 117.2733



92.7460, -45.7238, -81.3382



125.8280, 60.7238, -110.3512



134.8130, 57.7732, 43.1370



# Rectangle

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



114.2790, -52.8885, 117.2733



125.2800, -61.7630, 23.4334



125.8280, 60.7238, -110.3512



112.4240, 70.2900, -98.5958

# Sweetspot

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



114.2790, -52.8885, 117.2733



213.6920, -16.1172, 36.2271



100.1490, 45.2825, 129.6653



102.9120, -9.8166, 22.0022



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.



114.2790, -52.8885, 117.2733



113.2260, -55.8204, 124.3358



182.9580, -86.7473, 57.0418



118.2350, -3.0739, 5.9329



84.1000, -41.4613, 91.9973



27.0440, -13.3327, 29.7794

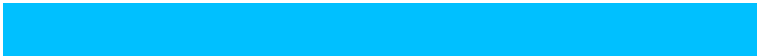


# Inverse Universe

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



140.7210, 52.8885, -117.2733



141.7740, 55.8204, -124.3358



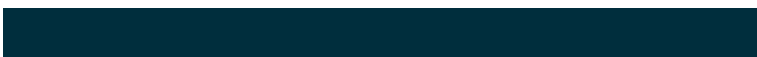
72.0420, 86.7473, -57.0418



119.3520, 2.7845, -6.4477



104.9000, 41.4613, -91.9973



33.9560, 13.3327, -29.7794



# Previews

## White Background



This preview shows how the YUV color 114.2790, -52.8885, 117.2733 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 114.2790, -52.8885, 117.2733 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 114.2790, -52.8885, 117.2733 Background



This preview shows how black text looks on a background with the YUV color 114.2790, -52.8885, 117.2733.



This preview shows how white text looks on a background with the YUV color 114.2790, -52.8885, 117.2733.



# 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

114.2790, -52.8885, 117.2733

### Protanopia

127.9990, -48.8065, 21.0489

### Deuteranopia

125.9660, -62.1012, 38.6178



## Tritanopia

118.8420, -26.5441, 114.1486

# Trichromacy



## Original Color

114.2790, -52.8885, 117.2733

## Protanomaly

122.8770, -50.2254, 56.2359

## Deuteranomaly

121.7660, -58.5516, 66.8572

## Tritanomaly

117.0350, -36.0063, 115.7333

# Monochromacy



## Original Color

114.2790, -52.8885, 117.2733

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.2260, -19.3384, 42.7748

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.2790, -52.8885, 117.2733 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(248, 67, 7)` looks like.

```
.text, #text, p{  
    color:rgb(248, 67, 7)  
}
```

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(248, 67, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 67, 7) }
```

## Border

The CSS property to change the border of an element to YUV 114.2790, -52.8885, 117.2733 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(248, 67, 7) }
```



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

```
.border{ border-color:rgb(248, 67, 7) }
```

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

Here you see how a box with a 4 pixel rgb(248, 67, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 67, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 67, 7);  
box-shadow:4px 4px 4px 4px rgb(248, 67, 7)  
}
```

# Background

The CSS property to change the background color of an element to YUV 114.2790, -52.8885, 117.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 67, 7) }
```

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

```
.background{ background-color: rgb(248, 67,  
7) }
```

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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