

Converting Colors

YUV(104.3770, -51.4579,
125.0804)

Have a look what the booklet for
YUV(104.3770, -51.4579, 125.0804)
contains.

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Color

**YUV(104.3770, -51.4579,
125.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	F73400
RGB	247, 52, 0
RGB Percent	97%, 20%, 0%
CMY	0.0314, 0.7961, 1.0000
CMYK	0.00, 0.79, 1.00, 0.03
HSL	13°, 100%, 48%
HSV	13°, 100%, 97%
XYZ	39.5858, 22.2301, 2.2044
YIQ	104.3770, 132.9120, 25.1680

Conversions

Conversions Part 2

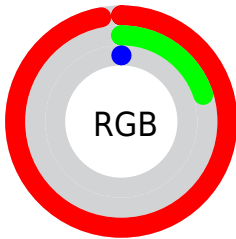
Format	Color
R_{YB}	247, 66, 0
Decimal	16200704
CIE _{Lab}	54.27, 70.51, 66.65
CIE _{LCh}	54, 97.020, 43.387
Yxy	22.2301, 0.6183, 0.3472
Android (android.graphics.Color)	4294390784 (0xFFFF73400)
YUV	104.3770, -51.4579, 125.0804
Hunter-Lab	47.1488, 67.3566, 30.2321

Details

The YUV color **104.3770, -51.4579, 125.0804** 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 **142.6230, 51.4579, -125.0804**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7040, -44.2241, 91.4676**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **104.3770, -51.4579, 125.0804**, and if you desaturate by 10%, it is **118.9670, -46.3257, 112.2849**.

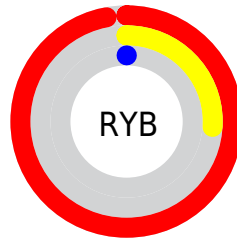
Distribution



Red (97%)

Green (20%)

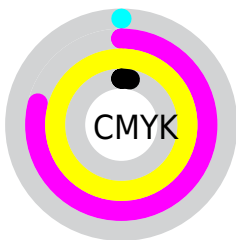
Blue (0%)



Red (97%)

Yellow (26%)

Blue (0%)

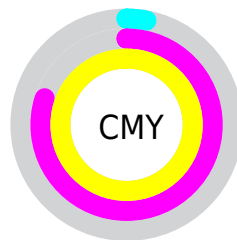


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (80%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.3770, -51.4579, 125.0804 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 104.3770, -51.4579, 125.0804 by changing the saturation by 10% instead.


 104.3770,
-51.4579, 125.0804


 104.3770,
-51.4579, 125.0804


254.6580, -1.3104,
0.2999


 63.6870, -31.3977,
130.9475


 150.7040,
-44.2241, 91.4676


 53.8200, -26.5333,
110.6599


 171.2780,
-41.5491, 73.4242


 44.2520, -21.8162,
90.9870


 191.2650,
-38.5846, 55.8956

 34.3850, -16.9518,
70.6994

 211.8390,
-35.9096, 37.8522

 25.3440, -11.5086,
51.4413

 232.6410,
-32.3610, 19.6088


 16.3740, -7.0864,
32.9980

 248.1600,


 2.0930, -1.0318,


-26.2079, 5.9987


4.3034

 251.3520,
-13.9775, 3.1993


 0.0000, 0.0000,
0.0000


 104.3770,
-51.4579, 125.0804

 118.9670,
-46.3257, 112.2849

 132.8560,
-41.3410, 100.1043

 147.4460,
-36.2089, 87.3089

 161.4490,
-30.7874, 75.0282

 176.0390,
-25.6552, 62.2328

■ 189.9280,
-20.6705, 50.0521

■ 204.5180,
-15.5384, 37.2567

■ 218.5210,
-10.1169, 24.9761

■ 232.4100, -5.1321,
12.7954

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



104.3770, -51.4579, 125.0804



121.7010, -59.9986, 64.2832

Triad

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



104.3770, -51.4579, 125.0804



102.8120, -12.2323, -90.1661



104.7930, 74.0521, -91.9035

Complementary

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



104.3770, -51.4579, 125.0804



142.6230, 51.4579, -125.0804

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.



118.8810, 67.1067, -104.2586



104.3770, -51.4579, 125.0804



114.7190, 25.7745, -100.6086

Square

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



104.3770, -51.4579, 125.0804



89.8110, -44.2768, -78.7642



123.0240, 60.1342, -107.8920



129.1160, 61.5678, 39.3633

Rectangle

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



104.3770, -51.4579, 125.0804



121.1600, -59.7319, 25.2927



123.0240, 60.1342, -107.8920



110.6630, 71.1581, -97.0515

Sweetspot

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



104.3770, -51.4579, 125.0804



211.1160, -15.8332, 38.4863



96.4250, 50.0765, 132.0543



101.0370, -9.3852, 23.6466



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.



104.3770, -51.4579, 125.0804



107.9430, -53.2159, 128.9690



175.4040, -86.4742, 62.7897



115.3490, -2.6371, 5.8329



78.5070, -38.7040, 94.2714



24.6850, -12.1697, 30.0943

Inverse Universe

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



142.6230, 51.4579, -125.0804



147.0570, 53.2159, -128.9690



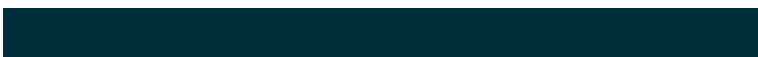
71.5960, 86.4742, -62.7897



117.2380, 2.3477, -6.3477



107.4930, 38.7040, -94.2714



33.7280, 12.4591, -29.5795

Previews

White Background



This preview shows how the YUV color 104.3770, -51.4579, 125.0804 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 104.3770, -51.4579, 125.0804 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 104.3770, -51.4579, 125.0804 Background



This preview shows how black text looks on a background with the YUV color 104.3770, -51.4579, 125.0804.



This preview shows how white text looks on a background with the YUV color 104.3770, -51.4579, 125.0804.

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

124.1560, -46.9119, 20.0342

Deuteranopia

121.8240, -60.0592, 36.9884

Tritanopia

108.5010, -29.3340, 122.3406

Trichromacy



Protanomaly

116.6430, -48.6310, 58.1951

Deuteranomaly

115.5320, -56.9573, 68.8164

Tritanomaly

107.0360, -37.4857, 123.6254

Monochromacy



Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0630, -18.7651, 45.5487

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3770, -51.4579, 125.0804 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(247, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 52, 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(247, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 52, 0) }
```

Border

The CSS property to change the border of an element to YUV 104.3770, -51.4579, 125.0804 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(247, 52, 0) }
```

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

```
.border{ border-color:rgb(247, 52, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 52, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 52, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 104.3770, -51.4579, 125.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 52, 0) }
```

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

```
.background{ background-color: rgb(247, 52,  
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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