

Converting Colors

YUV(111.0040, -38.9490,
126.2845)

Have a look what the booklet for
YUV(111.0040, -38.9490, 126.2845)
contains.

YUV(111.0040, -38.9490, 126.2845)	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(111.0040, -38.9490,
126.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3520
RGB	255, 53, 32
RGB Percent	100%, 21%, 13%
CMY	0.0000, 0.7922, 0.8745
CMYK	0.00, 0.79, 0.87, 0.00
HSL	6°, 100%, 56%
HSV	6°, 87%, 100%
XYZ	42.7738, 23.9105, 3.7273
YIQ	111.0040, 127.1330, 36.2930

Conversions

Conversions Part 2

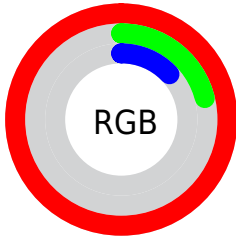
Format	Color
R_YB	255, 55, 32
Decimal	16725280
CIE Lab	56.00, 72.83, 59.20
CIE LCh	56, 93.850, 39.105
Yxy	23.9105, 0.6075, 0.3396
Android (android.graphics.Color)	4294915360 (0xFFFF3520)
YUV	111.0040, -38.9490, 126.2845
Hunter-Lab	48.8984, 70.5707, 29.7095

Details

The YUV color **111.0040, -38.9490, 126.2845** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **175.9960, 38.9490, -126.2845**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2720, -35.6301, 88.3385**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **94.6530, -43.2129, 140.6243**, and if you desaturate by 10%, it is **127.3550, -34.6850, 111.9447**.

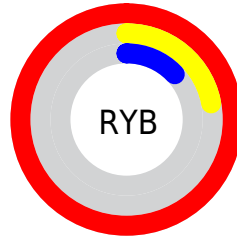
Distribution



Red (100%)

Green (21%)

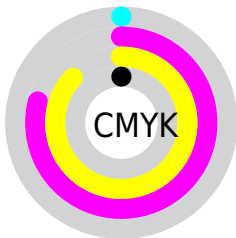
Blue (13%)



Red (100%)

Yellow (22%)

Blue (13%)

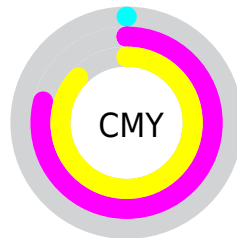


Cyan (0%)

Magenta (79%)

Yellow (87%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.0040, -38.9490, 126.2845 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 111.0040, -38.9490, 126.2845 by changing the saturation by 10% instead.


 111.0040,
-38.9490, 126.2845


 111.0040,
-38.9490, 126.2845


255.0000, 0.0000,
0.0000

 66.8340, -30.9772,
136.0806


 154.2720,
-35.6301, 88.3385


 56.2120, -27.7125,
115.5781


 174.7320,
-33.3919, 70.3950


 46.6440, -22.9955,
95.9052


 195.3060,
-30.7169, 52.3516

 36.7770, -18.1311,
75.6176

 215.9940,
-27.6050, 34.2083

 27.7360, -12.6878,
56.3595

 236.6820,
-24.4932, 16.0649

 18.8800, -7.8288,
37.8162

 250.4400,


 7.5890, -3.2484,


-17.4719, 3.9991


15.2694


 253.7460, -4.8048,
1.0998


 0.0000, 0.0000,
0.0000

 111.0040,
-38.9490, 126.2845


 111.0040,
-38.9490, 126.2845


 94.6530, -43.2129,
140.6243


 127.3550,
-34.6850, 111.9447

 90.3330, -44.5342,
144.4130

 143.8200,
-29.9843, 97.5049

 160.1710,
-25.7203, 83.1650

 176.6360,
-21.0195, 68.7252

 193.1010,
-16.3188, 54.2854

210.0390,
-12.3442, 39.4308

226.5040, -7.6435,
24.9910

242.8550, -3.3795,
10.6512

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



89.2410, 12.2062, 145.3706



111.0040, -38.9490, 126.2845



125.5880, -61.9149, 72.2753

Triad

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



111.0040, -38.9490, 126.2845



104.3620, -16.4475, -91.5255



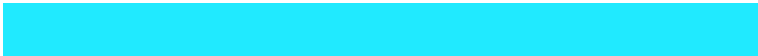
110.0760, 71.4475, -96.5367

Complementary

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



111.0040, -38.9490, 126.2845



175.9960, 38.9490, -126.2845

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.



122.4030, 65.3703, -107.3474



111.0040, -38.9490, 126.2845



116.0410, 20.6858, -101.7680

Square

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



111.0040, -38.9490, 126.2845



100.8410, -49.7146, -61.2506



125.0470, 55.1928, -109.6662



134.1480, 59.5800, 23.5492

Rectangle

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



111.0040, -38.9490, 126.2845



126.2320, -62.2324, 33.9995



125.0470, 55.1928, -109.6662



115.3590, 68.8430, -101.1698

Sweetspot

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



111.0040, -38.9490, 126.2845



212.2560, -11.4652, 37.4865



121.9330, 56.2350, 116.6998



102.3080, -7.0538, 22.5319



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.



111.0040, -38.9490, 126.2845



90.3330, -44.5342, 144.4130



174.9870, -70.4926, 70.1714



119.4740, -2.2057, 7.4773



67.6750, -33.3638, 108.1560



22.6580, -11.1704, 36.2569

Inverse Universe

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



175.9960, 38.9490, -126.2845



164.6670, 44.5342, -144.4130



112.0130, 70.4926, -70.1714



122.9390, 2.4951, -6.9625



123.3250, 33.3638, -108.1560



41.3420, 11.1704, -36.2569

Previews

White Background



This preview shows how the YUV color 111.0040, -38.9490, 126.2845 looks on a white background.

Color Contrast Check

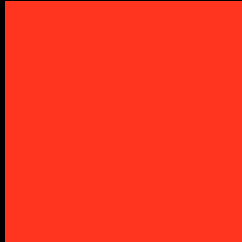
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.0040, -38.9490, 126.2845 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 111.0040, -38.9490, 126.2845 Background



This preview shows how black text looks on a background with the YUV color 111.0040, -38.9490, 126.2845.



This preview shows how white text looks on a background with the YUV color 111.0040, -38.9490, 126.2845.

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

111.0040, -38.9490, 126.2845

Protanopia

129.9090, -38.9021, 17.6198

Deuteranopia

125.9660, -62.1012, 38.6178



Tritanopia

112.5830, -30.3604, 124.8997

Trichromacy



Original Color

111.0040, -38.9490, 126.2845

Protanomaly

122.8630, -38.8795, 57.1251

Deuteranomaly

120.7540, -53.6157, 70.3757

Tritanomaly

111.7850, -33.4180, 125.5996

Monochromacy



Original Color

111.0040, -38.9490, 126.2845

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9150, -14.2551, 45.6785

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0040, -38.9490, 126.2845 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(255, 53, 32)` looks like.

```
.text, #text, p{  
    color:rgb(255, 53, 32)  
}
```

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(255, 53, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 53, 32) }
```

Border

The CSS property to change the border of an element to YUV 111.0040, -38.9490, 126.2845 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(255, 53, 32) }
```


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

```
.border{ border-color:rgb(255, 53, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 53, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 53, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 53, 32);  
box-shadow:4px 4px 4px 4px rgb(255, 53,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 111.0040, -38.9490, 126.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 53, 32) }
```

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

```
.background{ background-color: rgb(255, 53,  
32) }
```

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