

# Converting Colors

YUV(112.2920, -39.0910,  
125.1549)

Have a look what the booklet for  
YUV(112.2920, -39.0910, 125.1549)  
contains.

<b>YUV(112.2920, -39.0910, 125.1549)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(112.2920, -39.0910,  
125.1549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3721
RGB	255, 55, 33
RGB Percent	100%, 22%, 13%
CMY	0.0000, 0.7843, 0.8706
CMYK	0.00, 0.78, 0.87, 0.00
HSL	6°, 100%, 56%
HSV	6°, 87%, 100%
XYZ	42.8807, 24.1022, 3.8310
YIQ	112.2920, 126.2620, 35.5580

# Conversions

## Conversions Part 2

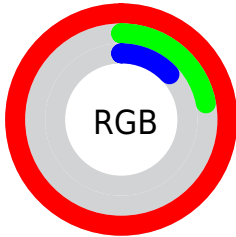
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 57, 33
Decimal	16725793
CIE <sub>Lab</sub>	56.19, 72.32, 58.93
CIE <sub>LCh</sub>	56, 93.288, 39.175
Yxy	24.1022, 0.6055, 0.3404
Android (android.graphics.Color)	4294915873 (0xFFFF3721)
YUV	112.2920, -39.0910, 125.1549
Hunter-Lab	49.0940, 69.9948, 29.7392

# Details

The YUV color **112.2920, -39.0910, 125.1549** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **175.7080, 39.0910, -125.1549**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4460, -36.2089, 87.3089**, and **56.5110, -27.8599, 116.1929** is the 20% darker color. If you saturate the color by 10%, you get **95.9410, -43.3549, 139.4947**, and if you desaturate by 10%, it is **128.6430, -34.8270, 110.8151**.

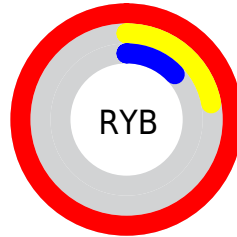
# Distribution



Red (100%)

Green (22%)

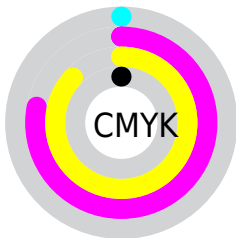
Blue (13%)



Red (100%)

Yellow (22%)

Blue (13%)

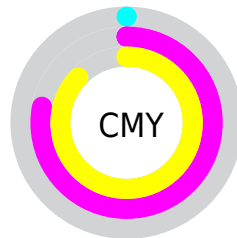


Cyan (0%)

Magenta (78%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (78%)


Yellow (87%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 112.2920, -39.0910, 125.1549 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 112.2920, -39.0910, 125.1549 by changing the saturation by 10% instead.




 112.2920,  
-39.0910, 125.1549


 112.2920,  
-39.0910, 125.1549


255.0000, 0.0000,  
0.0000

 66.9480, -30.5404,  
135.9806


 155.4460,  
-36.2089, 87.3089


 56.5110, -27.8599,  
116.1929


 175.4330,  
-33.2445, 69.7803


 46.6440, -22.9955,  
95.9052


 196.0070,  
-30.5695, 51.7369

 36.7770, -18.1311,  
75.6176

 216.6950,  
-27.4576, 33.5935

 27.7360, -12.6878,  
56.3595

 237.3830,  
-24.3458, 15.4501

 18.8800, -7.8288,  
37.8162


 250.5540,


 7.8880, -3.3958,


-17.0351, 3.8991


15.8842


 253.8600, -4.3680,  
0.9998


 0.0000, 0.0000,  
0.0000


 112.2920,  
-39.0910, 125.1549


 112.2920,  
-39.0910, 125.1549


 95.9410, -43.3549,  
139.4947

 128.6430,  
-34.8270, 110.8151

 90.9200, -44.8236,  
143.8982

 145.1080,  
-30.1262, 96.3753

 161.4590,  
-25.8623, 82.0355

 177.9240,  
-21.1615, 67.5957

 194.3890,  
-16.4608, 53.1558

210.7400,  
-12.1968, 38.8160

227.0910, -7.9329,  
24.4762

243.5560, -3.2321,  
10.0364

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



112.2920, -39.0910, 125.1549



126.1750, -62.2043, 71.7605

# Triad

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



112.2920, -39.0910, 125.1549



104.4760, -16.0107, -91.6255



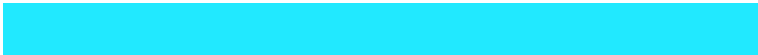
110.0760, 71.4475, -96.5367

# Complementary

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



112.2920, -39.0910, 125.1549



175.7080, 39.0910, -125.1549

# 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



112.2920, -39.0910, 125.1549



116.7420, 20.8332, -102.3827

# Square

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



112.2920, -39.0910, 125.1549



101.4390, -50.0094, -60.0210



125.0470, 55.1928, -109.6662



135.0340, 59.1432, 23.6492



# Rectangle

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



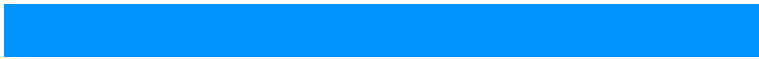
112.2920, -39.0910, 125.1549



126.5310, -62.3798, 34.6143



125.0470, 55.1928, -109.6662



115.3590, 68.8430, -101.1698

# Sweetspot

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



112.2920, -39.0910, 125.1549



212.2560, -11.4652, 37.4865



122.6340, 56.3824, 116.0850



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.



112.2920, -39.0910, 125.1549



90.9200, -44.8236, 143.8982



175.6880, -70.3452, 69.5566



119.4740, -2.2057, 7.4773



68.2620, -33.6532, 107.6412



22.6580, -11.1704, 36.2569



# Inverse Universe

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



175.7080, 39.0910, -125.1549



164.0800, 44.8236, -143.8982



112.8990, 70.0558, -70.0714



122.9390, 2.4951, -6.9625



122.7380, 33.6532, -107.6412



40.7550, 11.4598, -35.7421



# Previews

## White Background



This preview shows how the YUV color 112.2920, -39.0910, 125.1549 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 112.2920, -39.0910, 125.1549 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 112.2920, -39.0910, 125.1549 Background



This preview shows how black text looks on a background with the YUV color 112.2920, -39.0910, 125.1549.



This preview shows how white text looks on a background with the YUV color 112.2920, -39.0910, 125.1549.



# 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

112.2920, -39.0910, 125.1549

### Protanopia

130.3220, -38.6127, 18.1346

### Deuteranopia

126.2650, -62.2486, 39.2326



## Tritanopia

113.5120, -29.3394, 124.0850

# Trichromacy



## Original Color

112.2920, -39.0910, 125.1549

## Protanomaly

123.8630, -38.8795, 57.1251

## Deuteranomaly

121.0530, -53.7631, 70.9905

## Tritanomaly

113.1870, -33.1232, 124.3700

# Monochromacy



## Original Color

112.2920, -39.0910, 125.1549

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

111.9150, -14.2551, 45.6785

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.2920, -39.0910, 125.1549 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, 55, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 33)  
}
```

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, 55, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 33) }
```

## Border

The CSS property to change the border of an element to YUV 112.2920, -39.0910, 125.1549 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, 55, 33) }
```



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

```
.border{ border-color:rgb(255, 55, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 55, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
33) }
```

# Background

The CSS property to change the background color of an element to YUV 112.2920, -39.0910, 125.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 33) }
```

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

```
.background{ background-color: rgb(255, 55,  
33) }
```

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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