

Converting Colors

YUV(130.1930, -39.0421,
109.4557)

Have a look what the booklet for
YUV(130.1930, -39.0421, 109.4557)
contains.

YUV(130.1930, -39.0421, 109.4557)	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(130.1930, -39.0421,
109.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5233
RGB	255, 82, 51
RGB Percent	100%, 32%, 20%
CMY	0.0000, 0.6784, 0.8000
CMYK	0.00, 0.68, 0.80, 0.00
HSL	9°, 100%, 60%
HSV	9°, 80%, 100%
XYZ	44.8548, 27.5336, 6.0824
YIQ	130.1930, 113.0590, 27.0350

Conversions

Conversions Part 2

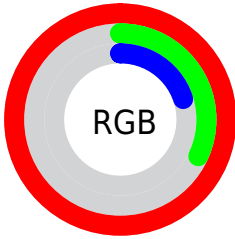
Format	Color
R_{YB}	255, 88, 51
Decimal	16732723
CIE _{Lab}	59.47, 64.00, 53.66
CIE _{LCh}	59, 83.516, 39.977
Yxy	27.5336, 0.5716, 0.3509
Android (android.graphics.Color)	4294922803 (0xFFFF5233)
YUV	130.1930, -39.0421, 109.4557
Hunter-Lab	52.4725, 60.7596, 29.8581

Details

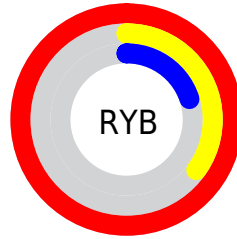
The YUV color **130.1930, -39.0421, 109.4557** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **175.8070, 39.0421, -109.4557**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8250, -34.4237, 74.6985**, and **57.3970, -28.2967, 116.2928** is the 20% darker color. If you saturate the color by 10%, you get **114.3150, -44.0323, 123.3807**, and if you desaturate by 10%, it is **146.0710, -34.0520, 95.5307**.

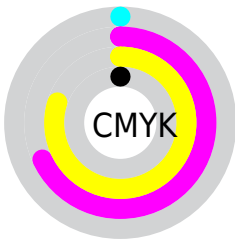
Distribution



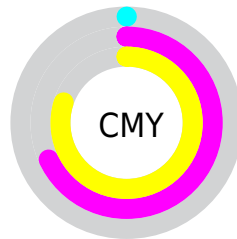
- Red (100%)
- Green (32%)
- Blue (20%)



- Red (100%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (68%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.1930, -39.0421, 109.4557 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 130.1930, -39.0421, 109.4557 by changing the saturation by 10% instead.


 130.1930,
-39.0421, 109.4557


 130.1930,
-39.0421, 109.4557


255.0000, 0.0000,
0.0000


 99.3930, -35.6897,
107.5263


 169.8250,
-34.4237, 74.6985


 57.3970, -28.2967,
116.2928


 189.2250,
-31.1699, 57.6847

 47.2420, -23.2903,
97.1348


 209.9130,
-28.0581, 39.5413

 37.6740, -18.5733,
77.4619

 230.0140,
-24.6569, 21.9127

 28.1060, -13.8563,
57.7890

 249.6420,
-20.5295, 4.6990

 20.0760, -8.4185,
40.2753

 252.8340, -8.2992,

 9.6820, -4.2802,

1.8996

19.5729

■ 0.0000, 0.0000,
0.0000

■ 130.1930,
-39.0421, 109.4557

■ 130.1930,
-39.0421, 109.4557

■ 114.3150,
-44.0323, 123.3807

■ 146.0710,
-34.0520, 95.5307

■ 99.1380, -48.8750,
136.6910

■ 161.2480,
-29.2093, 82.2205

■ 177.1260,
-24.2191, 68.2955

■ 192.8900,
-19.6658, 54.4705

■ 208.1810,
-14.3862, 41.0603

■ 223.9450, -9.8329,
27.2352

■ 239.2360, -4.5533,
13.8250

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.



116.5680, 2.6780, 121.4049



130.1930, -39.0421, 109.4557



134.4150, -66.2666, 68.0420

Triad

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



130.1930, -39.0421, 109.4557



111.1100, -10.9002, -97.4435



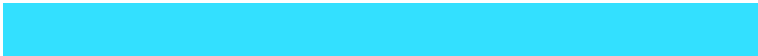
114.1850, 69.4218, -100.1402

Complementary

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



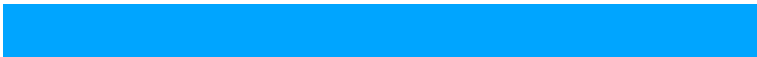
130.1930, -39.0421, 109.4557



175.8070, 39.0421, -109.4557

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.



125.9250, 63.6340, -110.4362



130.1930, -39.0421, 109.4557



121.7630, 22.3018, -106.7862

Square

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



130.1930, -39.0421, 109.4557



115.4040, -56.8942, -45.0813



128.5690, 53.4565, -112.7550



145.6660, 53.9017, 24.8489

Rectangle

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



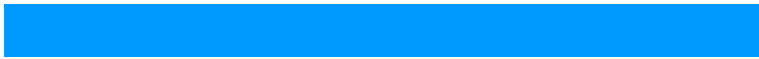
130.1930, -39.0421, 109.4557



133.9070, -66.0162, 34.2846



128.5690, 53.4565, -112.7550



118.8810, 67.1067, -104.2586

Sweetspot

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



130.1930, -39.0421, 109.4557



217.5220, -11.5963, 32.8682



131.7180, 45.4950, 108.1183



104.9980, -6.9010, 20.1728



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.



130.1930, -39.0421, 109.4557



104.9740, -46.8222, 131.5728



190.0670, -68.5600, 56.9462



120.0610, -2.4951, 6.9625



74.1320, -36.5471, 102.4932



25.0060, -12.3280, 34.1977

Inverse Universe

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



175.8070, 39.0421, -109.4557



160.0260, 46.8222, -131.5728



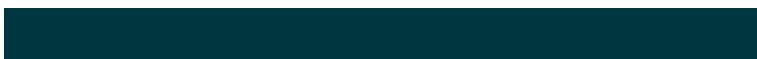
115.9330, 68.5600, -56.9462



122.9390, 2.4951, -6.9625



116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977

Previews

White Background



This preview shows how the YUV color 130.1930, -39.0421, 109.4557 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 130.1930, -39.0421, 109.4557 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 130.1930, -39.0421, 109.4557 Background



This preview shows how black text looks on a background with the YUV color 130.1930, -39.0421, 109.4557.



This preview shows how white text looks on a background with the YUV color 130.1930, -39.0421, 109.4557.

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

130.1930, -39.0421, 109.4557

Protanopia

139.8210, -35.4078, 16.8200

Deuteranopia

137.7560, -50.1657, 37.0480



Tritanopia

132.0800, -24.1964, 107.8008

Trichromacy



Original Color

130.1930, -39.0421, 109.4557

Protanomaly

136.1010, -36.5318, 50.7774

Deuteranomaly

134.6590, -46.1739, 63.4431

Tritanomaly

131.2990, -29.7274, 108.4858

Monochromacy



Original Color

130.1930, -39.0421, 109.4557

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1700, -14.3808, 39.3159

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1930, -39.0421, 109.4557 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, 82, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 51)  
}
```

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, 82, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 51) }
```

Border

The CSS property to change the border of an element to YUV 130.1930, -39.0421, 109.4557 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, 82, 51) }
```


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

```
.border{ border-color:rgb(255, 82, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 82, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 130.1930, -39.0421, 109.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 51) }
```

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

```
.background{ background-color: rgb(255, 82,  
51) }
```

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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