

Converting Colors

YUV(130.6830, -42.2417,
109.0260)

Have a look what the booklet for
YUV(130.6830, -42.2417, 109.0260)
contains.

YUV(130.6830, -42.2417, 109.0260)	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(130.6830, -42.2417,
109.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	FF542D
RGB	255, 84, 45
RGB Percent	100%, 33%, 18%
CMY	0.0000, 0.6706, 0.8235
CMYK	0.00, 0.67, 0.82, 0.00
HSL	11°, 100%, 59%
HSV	11°, 82%, 100%
XYZ	44.8840, 27.7901, 5.4810
YIQ	130.6830, 114.4350, 24.1230

Conversions

Conversions Part 2

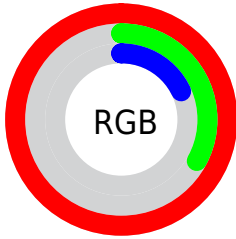
Format	Color
R_{YB}	255, 93, 45
Decimal	16733229
CIE _{Lab}	59.70, 63.08, 56.67
CIE _{LCh}	60, 84.793, 41.937
Yxy	27.7901, 0.5743, 0.3556
Android (android.graphics.Color)	4294923309 (0xFFFF542D)
YUV	130.6830, -42.2417, 109.0260
Hunter-Lab	52.7163, 59.7257, 30.7369

Details

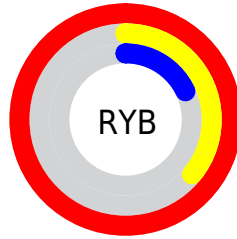
The YUV color **130.6830, -42.2417, 109.0260** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **169.3170, 42.2417, -109.0260**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8420, -36.8971, 74.6836**, and **62.0930, -30.6118, 112.1744** is the 20% darker color. If you saturate the color by 10%, you get **115.5060, -47.0845, 122.3362**, and if you desaturate by 10%, it is **145.9740, -36.9622, 95.6158**.

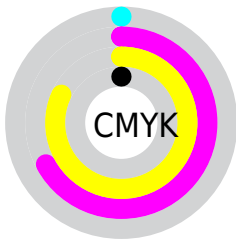
Distribution



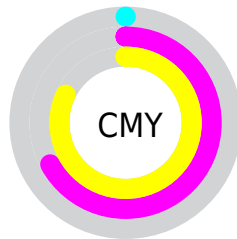
- Red (100%)
- Green (33%)
- Blue (18%)



- Red (100%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (67%)
- Yellow (82%)
- Black (0%)




- Cyan (0%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.6830, -42.2417, 109.0260 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 130.6830, -42.2417, 109.0260 by changing the saturation by 10% instead.


 130.6830,
-42.2417, 109.0260


 130.6830,
-42.2417, 109.0260


255.0000, 0.0000,
0.0000


 99.6550, -39.7629,
107.2966


 169.8420,
-36.8971, 74.6836


 62.0930, -30.6118,
112.1744


 189.8290,
-33.9327, 57.1550

 46.9430, -23.1429,
96.5200


 209.8160,
-30.9683, 39.6264

 37.3750, -18.4259,
76.8471

 229.9170,
-27.5671, 21.9978

 28.1060, -13.8563,
57.7890

 248.9580,
-23.1503, 5.2988

 20.0760, -8.4185,
40.2753

 252.1500,

 9.6820, -4.2802,

-10.9200, 2.4994

19.5729

■ 0.0000, 0.0000,
0.0000

■ 130.6830,
-42.2417, 109.0260

■ 130.6830,
-42.2417, 109.0260

■ 115.5060,
-47.0845, 122.3362

■ 145.9740,
-36.9622, 95.6158

■ 103.8340,
-51.1902, 132.5726

■ 161.1510,
-32.1194, 82.3056

■ 175.8550,
-26.5505, 69.4102

■ 191.0320,
-21.7078, 56.0999

■ 206.3230,
-16.4282, 42.6897

221.5000,
-11.5855, 29.3795

236.2040, -6.0166,
16.4841

251.3810, -1.1738,
3.1739

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.



114.9380, 1.5096, 122.8344



130.6830, -42.2417, 109.0260



134.9910, -66.5506, 65.7829

Triad

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



130.6830, -42.2417, 109.0260



112.2670, -9.0056, -98.4582



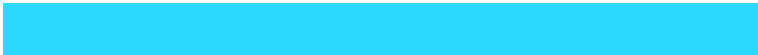
113.5980, 69.7112, -99.6254

Complementary

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



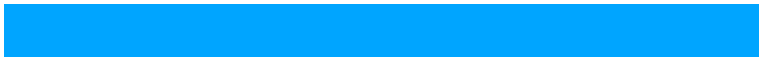
130.6830, -42.2417, 109.0260



169.3170, 42.2417, -109.0260

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



130.6830, -42.2417, 109.0260



123.0340, 24.6332, -107.9008

Square

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



130.6830, -42.2417, 109.0260



112.4030, -55.4147, -52.9734



129.8400, 55.7879, -113.8697



146.5850, 53.4486, 30.1820

Rectangle

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



130.6830, -42.2417, 109.0260



134.7710, -66.4421, 30.8958



129.8400, 55.7879, -113.8697



118.2940, 67.3961, -103.7438

Sweetspot

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



130.6830, -42.2417, 109.0260



217.1800, -12.9067, 33.1681



127.2840, 43.7370, 112.0069



104.7700, -7.7746, 20.3727



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.



130.6830, -42.2417, 109.0260



105.3500, -50.4585, 131.2431



192.3180, -72.6278, 54.9721



120.0610, -2.4951, 6.9625



78.2410, -38.5728, 98.8896



26.1800, -12.9067, 33.1681

Inverse Universe

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



169.3170, 42.2417, -109.0260



152.0630, 50.7479, -130.7283



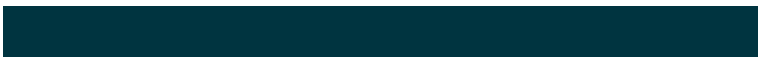
107.6820, 72.6278, -54.9721



122.3520, 2.7845, -6.4477



113.3460, 38.2834, -99.4044



37.8200, 12.9067, -33.1681

Previews

White Background



This preview shows how the YUV color 130.6830, -42.2417, 109.0260 looks on a white background.

Color Contrast Check

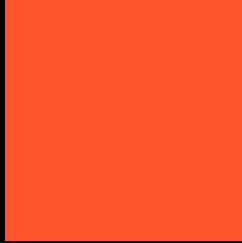
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6830, -42.2417, 109.0260 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 130.6830, -42.2417, 109.0260 Background



This preview shows how black text looks on a background with the YUV color 130.6830, -42.2417, 109.0260.



This preview shows how white text looks on a background with the YUV color 130.6830, -42.2417, 109.0260.

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

130.6830, -42.2417, 109.0260

Protanopia

139.3220, -38.6127, 18.1346

Deuteranopia

137.9150, -54.6811, 38.6625



Tritanopia

133.4820, -23.9016, 106.5713

Trichromacy



Original Color

130.6830, -42.2417, 109.0260

Protanomaly

136.1890, -40.0262, 51.5772

Deuteranomaly

135.6330, -50.1051, 64.3429

Tritanomaly

132.3590, -30.7430, 107.5562

Monochromacy



Original Color

130.6830, -42.2417, 109.0260

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9420, -15.2544, 39.5159

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6830, -42.2417, 109.0260 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, 84, 45)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 45)  
}
```

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, 84, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 45) }
```

Border

The CSS property to change the border of an element to YUV 130.6830, -42.2417, 109.0260 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, 84, 45) }
```


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

```
.border{ border-color:rgb(255, 84, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 84, 45); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 84, 45); box-shadow:4px 4px 4px 4px rgb(255, 84, 45) }
```

Background

The CSS property to change the background color of an element to YUV 130.6830, -42.2417, 109.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 45) }
```

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

```
.background{ background-color: rgb(255, 84,  
45) }
```

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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