

Converting Colors

YUV(130.1870, -40.0252,
98.0600)

Have a look what the booklet for
YUV(130.1870, -40.0252, 98.0600)
contains.

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Color

**YUV(130.1870, -40.0252,
98.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	F25931
RGB	242, 89, 49
RGB Percent	95%, 35%, 19%
CMY	0.0510, 0.6510, 0.8078
CMYK	0.00, 0.63, 0.80, 0.05
HSL	12°, 88%, 57%
HSV	12°, 80%, 95%
XYZ	40.7447, 26.2438, 5.8238
YIQ	130.1870, 104.0280, 19.9960

Conversions

Conversions Part 2

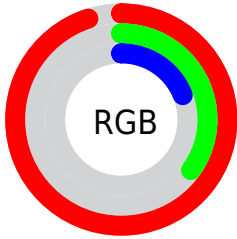
Format	Color
R_{YB}	242, 99, 49
Decimal	15882545
CIE _{Lab}	58.27, 56.89, 52.69
CIE _{LCh}	58, 77.541, 42.809
Yxy	26.2438, 0.5596, 0.3604
Android (android.graphics.Color)	4294072625 (0xFFFF25931)
YUV	130.1870, -40.0252, 98.0600
Hunter-Lab	51.2287, 52.3198, 29.1198

Details

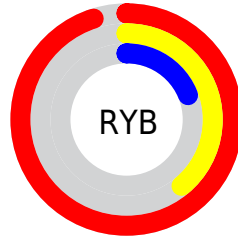
The YUV color **130.1870, -40.0252, 98.0600** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **160.8130, 40.0252, -98.0600**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5320, -36.7443, 72.3244**, and **69.0710, -34.0520, 95.5307** is the 20% darker color. If you saturate the color by 10%, you get **116.2980, -45.0099, 110.2407**, and if you desaturate by 10%, it is **144.0760, -35.0405, 85.8793**.

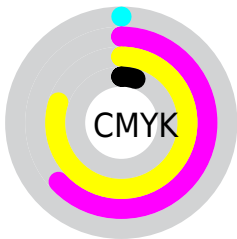
Distribution



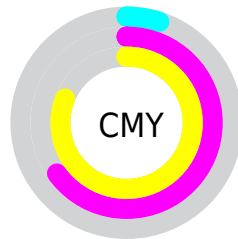
- Red (95%)
- Green (35%)
- Blue (19%)



- Red (95%)
- Yellow (39%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1870, -40.0252, 98.0600 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 130.1870, -40.0252, 98.0600 by changing the saturation by 10% instead.

130.1870,
-40.0252, 98.0600

130.1870,
-40.0252, 98.0600

255.0000, 0.0000,
0.0000

100.7460,
-37.8358, 95.8158

172.5320,
-36.7443, 72.3244

69.0710, -34.0520,
95.5307

191.9320,
-33.4905, 55.3106

43.6540, -21.5214,
89.7574

212.0330,
-30.0893, 37.6821

34.3850, -16.9518,
70.6994

232.1340,
-26.6881, 20.0535

25.1160, -12.3822,
51.6413

249.4140,
-21.4031, 4.8989

17.2710, -7.5286,
34.8423

252.6060, -9.1728,

4.7840, -2.3585,

2.0995

9.8364

■ 0.0000, 0.0000,
0.0000

■ 130.1870,
-40.0252, 98.0600

■ 130.1870,
-40.0252, 98.0600

■ 116.2980,
-45.0099, 110.2407

■ 144.0760,
-35.0405, 85.8793

■ 102.4090,
-49.9946, 122.4213

■ 157.9650,
-30.0557, 73.6987

■ 101.7080,
-50.1420, 123.0361

■ 172.5550,
-24.9236, 60.9033

■ 186.4440,
-19.9389, 48.7226

■ 200.3330,
-14.9542, 36.5420

214.2220, -9.9694,
24.3613

228.1110, -4.9847,
12.1807

242.1140, 0.4368,
-0.1000

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



123.8740, -4.8679, 114.9975



130.1870, -40.0252, 98.0600



131.4140, -64.7871, 60.1499

Triad

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



130.1870, -40.0252, 98.0600



109.6740, -6.2483, -96.1841



110.6630, 71.1581, -97.0515

Complementary

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



130.1870, -40.0252, 98.0600



160.8130, 40.0252, -98.0600

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



130.1870, -40.0252, 98.0600



118.9420, 24.1856, -104.3121

Square

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



130.1870, -40.0252, 98.0600



113.7270, -46.7004, -47.9956



125.0640, 52.7194, -109.6811



143.5050, 48.0650, 30.2521

Rectangle

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



130.1870, -40.0252, 98.0600



130.3300, -64.2527, 28.6516



125.0640, 52.7194, -109.6811



115.3590, 68.8430, -101.1698

Sweetspot

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



130.1870, -40.0252, 98.0600



219.2830, -12.4645, 31.3238



124.2630, 38.8173, 103.2553



106.1720, -7.4798, 19.1432



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.



130.1870, -40.0252, 98.0600



113.1920, -50.8737, 124.3656



185.9520, -67.5173, 49.1541



112.7620, -2.3477, 6.3477



77.3220, -38.1197, 93.5566



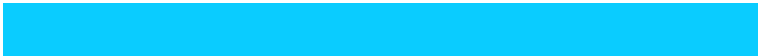
23.7880, -11.7275, 28.2499

Inverse Universe

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



160.8130, 40.0252, -98.0600



151.8080, 50.8737, -124.3656



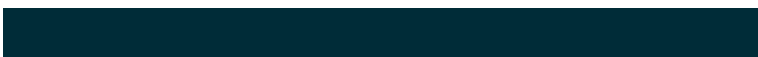
105.0480, 67.5173, -49.1541



114.6510, 2.6371, -5.8329



106.6780, 38.1197, -93.5566



32.2120, 11.7275, -28.2499

Previews

White Background



This preview shows how the YUV color 130.1870, -40.0252, 98.0600 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 130.1870, -40.0252, 98.0600 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 130.1870, -40.0252, 98.0600

Background



This preview shows how black text looks on a background with the YUV color 130.1870, -40.0252, 98.0600.



This preview shows how white text looks on a background with the YUV color 130.1870, -40.0252, 98.0600.

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

130.1870, -40.0252, 98.0600

Protanopia

136.5930, -36.2813, 17.0199

Deuteranopia

135.0980, -48.8553, 36.7481



Tritanopia

132.1110, -21.2537, 97.2497

Trichromacy



Original Color

130.1870, -40.0252, 98.0600

Protanomaly

134.1390, -37.5365, 46.3591

Deuteranomaly

133.4520, -45.5788, 59.2396

Tritanomaly

131.5750, -28.3845, 97.7197

Monochromacy



Original Color

130.1870, -40.0252, 98.0600

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1480, -14.3700, 35.8272

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1870, -40.0252, 98.0600 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(242, 89, 49)` looks like.

```
.text, #text, p{  
    color:rgb(242, 89, 49)  
}
```

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(242, 89, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 89, 49) }
```

Border

The CSS property to change the border of an element to YUV 130.1870, -40.0252, 98.0600 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(242, 89, 49) }
```


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

```
.border{ border-color:rgb(242, 89, 49) }
```

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

Here you see how a box with a 4 pixel rgb(242, 89, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 89, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 89, 49);  
box-shadow:4px 4px 4px 4px rgb(242, 89,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 130.1870, -40.0252, 98.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 89, 49) }
```

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

```
.background{ background-color: rgb(242, 89,  
49) }
```

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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