

Converting Colors

YUV(106.4530, -40.1563,
93.4417)

Have a look what the booklet for
YUV(106.4530, -40.1563, 93.4417)
contains.

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Color

**YUV(106.4530, -40.1563,
93.4417)**

Conversions

Conversions Part 1

Format	Color
Hex	D54419
RGB	213, 68, 25
RGB Percent	84%, 27%, 10%
CMY	0.1647, 0.7333, 0.9020
CMYK	0.00, 0.68, 0.88, 0.16
HSL	14°, 79%, 47%
HSV	14°, 88%, 84%
XYZ	29.6832, 18.3506, 2.8972
YIQ	106.4530, 100.2230, 17.3670

Conversions

Conversions Part 2

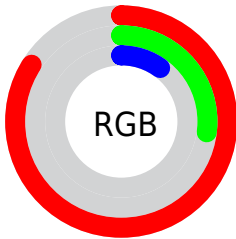
Format	Color
RYB	213, 81, 25
Decimal	13976601
CIELab	49.92, 55.10, 53.94
CIElCh	50, 77.109, 44.394
Yxy	18.3506, 0.5828, 0.3603
Android (android.graphics.Color)	4292166681 (0xFFD54419)
YUV	106.4530, -40.1563, 93.4417
Hunter-Lab	42.8376, 48.7212, 25.9763

Details

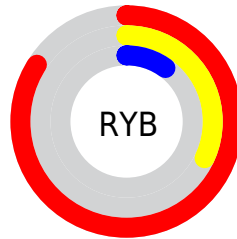
The YUV color **106.4530, -40.1563, 93.4417** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **131.5470, 40.1563, -93.4417**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9960, -40.4240, 85.9495**, and **44.8500, -22.1110, 92.2166** is the 20% darker color. If you saturate the color by 10%, you get **94.6670, -44.6988, 103.7780**, and if you desaturate by 10%, it is **118.2390, -35.6138, 83.1054**.

Distribution



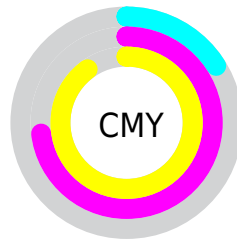
- Red (84%)
- Green (27%)
- Blue (10%)



- Red (84%)
- Yellow (32%)
- Blue (10%)



- Cyan (0%)
- Magenta (68%)
- Yellow (88%)
- Black (16%)





- Cyan (16%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.4530, -40.1563, 93.4417 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 106.4530, -40.1563, 93.4417 by changing the saturation by 10% instead.


 106.4530,
-40.1563, 93.4417


 106.4530,
-40.1563, 93.4417


255.0000, 0.0000,
0.0000


 76.4250, -37.6775,
91.7123


 156.9960,
-40.4240, 85.9495


 44.8500, -22.1110,
92.2166


 176.2820,
-37.6070, 69.0357


 35.2820, -17.3940,
72.5437


 195.6820,
-34.3532, 52.0219

 26.3120, -12.9718,
54.1004

 215.6690,
-31.3888, 34.4933

 18.5810, -7.6814,
37.2015

 235.8840,
-27.5508, 16.7647

 7.2900, -3.1010,
14.6547

 249.6420,

 0.0000, 0.0000,

-20.5295, 4.6990

0.0000

252.8340, -8.2992,
1.8996

106.4530,
-40.1563, 93.4417

106.4530,
-40.1563, 93.4417

94.6670, -44.6988,
103.7780

118.2390,
-35.6138, 83.1054

92.4500, -45.5778,
105.7224

130.7260,
-30.9239, 72.1543

142.5120,
-26.3814, 61.8180

154.8850,
-22.1283, 50.9669

166.7850,
-17.1490, 40.5306

■ 179.1580,
-12.8959, 29.6794

■ 190.9440, -8.3534,
19.3431

■ 202.7300, -3.8109,
9.0068

■ 215.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



92.9440, -0.9584, 121.0751



106.4530, -40.1563, 93.4417



111.8890, -55.1613, 52.7173

Triad

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



106.4530, -40.1563, 93.4417



93.7620, -6.2917, -82.2293



96.9510, 74.4672, -85.0260

Complementary

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



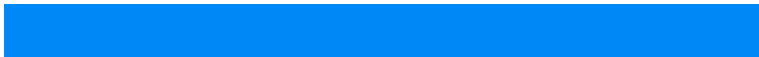
106.4530, -40.1563, 93.4417



131.5470, 40.1563, -93.4417

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.



107.8760, 68.0951, -94.6073



106.4530, -40.1563, 93.4417



103.3890, 22.9792, -90.6722

Square

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



106.4530, -40.1563, 93.4417



85.4910, -42.1471, -61.8206



109.0550, 49.7659, -95.6412



120.3590, 46.1650, 33.0112

Rectangle

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



106.4530, -40.1563, 93.4417



110.5170, -54.4849, 22.3486



109.0550, 49.7659, -95.6412



101.9890, 73.4624, -89.4444

Sweetspot

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



106.4530, -40.1563, 93.4417



217.5390, -14.0697, 32.8533



97.9700, 36.4968, 100.8813



105.2430, -8.5008, 19.9579



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.



106.4530, -40.1563, 93.4417



110.2910, -54.3735, 126.9098



160.4570, -66.7803, 46.0802



101.0500, -2.4896, 5.2182



74.0220, -36.4928, 85.0497



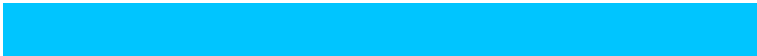
18.7270, -9.2324, 21.2874

Inverse Universe

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



131.5470, 40.1563, -93.4417



144.7090, 54.3735, -126.9098



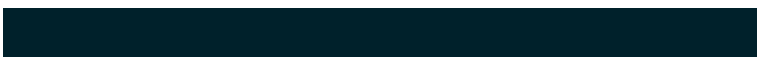
77.5430, 66.7803, -46.0802



102.5370, 2.2003, -5.7329



96.9780, 36.4928, -85.0497



24.2730, 9.2324, -21.2874

Previews

White Background



This preview shows how the YUV color 106.4530, -40.1563, 93.4417 looks on a white 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

Black Background



This preview shows how the YUV color 106.4530, -40.1563, 93.4417 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 106.4530, -40.1563, 93.4417

Background



This preview shows how black text looks on a background with the YUV color 106.4530, -40.1563, 93.4417.



This preview shows how white text looks on a background with the YUV color 106.4530, -40.1563, 93.4417.

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

106.4530, -40.1563, 93.4417

Protanopia

114.8380, -37.8811, 16.8051

Deuteranopia

111.4800, -54.9596, 34.6590



Tritanopia

109.1920, -20.8007, 91.9166

Trichromacy



Original Color

106.4530, -40.1563, 93.4417

Protanomaly

111.7860, -38.8415, 44.9147

Deuteranomaly

109.9910, -49.7886, 56.1359

Tritanomaly

108.0690, -27.6420, 92.9015

Monochromacy



Original Color

106.4530, -40.1563, 93.4417

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1370, -14.3645, 34.0829

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4530, -40.1563, 93.4417 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(213, 68, 25)` looks like.

```
.text, #text, p{  
    color:rgb(213, 68, 25)  
}
```

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(213, 68, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 68, 25) }
```

Border

The CSS property to change the border of an element to YUV 106.4530, -40.1563, 93.4417 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(213, 68, 25) }
```


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

```
.border{ border-color:rgb(213, 68, 25) }
```

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

Here you see how a box with a 4 pixel rgb(213, 68, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 68, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 68, 25);  
box-shadow:4px 4px 4px 4px rgb(213, 68,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 106.4530, -40.1563, 93.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 68, 25) }
```

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

```
.background{ background-color: rgb(213, 68,  
25) }
```

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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