

Converting Colors

YUV(120.4690, -41.1502,
85.5347)

Have a look what the booklet for
YUV(120.4690, -41.1502, 85.5347)
contains.

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Color

**YUV(120.4690, -41.1502,
85.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5725
RGB	218, 87, 37
RGB Percent	85%, 34%, 15%
CMY	0.1451, 0.6588, 0.8549
CMYK	0.00, 0.60, 0.83, 0.15
HSL	17°, 71%, 50%
HSV	17°, 83%, 85%
XYZ	32.6556, 21.8554, 4.2476
YIQ	120.4690, 94.1260, 12.2220

Conversions

Conversions Part 2

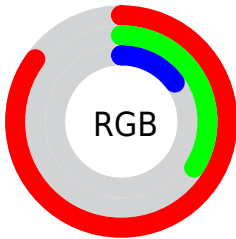
Format	Color
RYB	218, 106, 37
Decimal	14309157
CIELab	53.87, 49.02, 52.64
CIElCh	54, 71.928, 47.041
Yxy	21.8554, 0.5558, 0.3720
Android (android.graphics.Color)	4292499237 (0xFFDA5725)
YUV	120.4690, -41.1502, 85.5347
Hunter-Lab	46.7497, 42.8735, 27.3378

Details

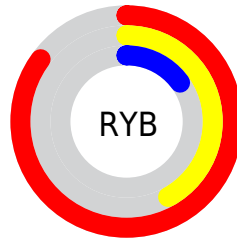
The YUV color **120.4690, -41.1502, 85.5347** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **134.5310, 41.1502, -85.5347**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9300, -40.3915, 75.4834**, and **64.5420, -31.8192, 79.3317** is the 20% darker color. If you saturate the color by 10%, you get **108.5690, -46.1295, 95.9710**, and if you desaturate by 10%, it is **132.3690, -36.1709, 75.0984**.

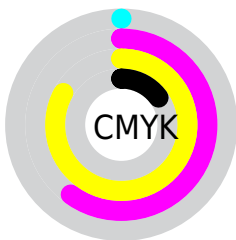
Distribution



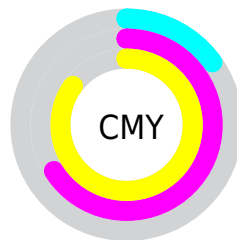
- Red (85%)
- Green (34%)
- Blue (15%)



- Red (85%)
- Yellow (42%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (83%)
- Black (15%)



- Cyan (15%)
- Magenta (66%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4690, -41.1502, 85.5347 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 120.4690, -41.1502, 85.5347 by changing the saturation by 10% instead.


 120.4690,
-41.1502, 85.5347


 120.4690,
-41.1502, 85.5347


255.0000, 0.0000,
0.0000


 91.8600, -40.8500,
82.5608


 168.9300,
-40.3915, 75.4834


 64.5420, -31.8192,
79.3317


 188.2160,
-37.5745, 58.5696

 37.0760, -18.2785,
76.2323


 207.6160,
-34.3207, 41.5558

 28.1060, -13.8563,
57.7890

 227.7170,
-30.9195, 23.9272

 19.5490, -9.1447,
39.8605

 247.9320,
-27.0815, 6.1986

 10.8780, -4.8699,
22.0320

 251.1240,

 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 120.4690,
-41.1502, 85.5347

■ 120.4690,
-41.1502, 85.5347

■ 108.5690,
-46.1295, 95.9710

■ 132.3690,
-36.1709, 75.0984

■ 100.4020,
-49.4982, 103.1334

■ 144.2690,
-31.1916, 64.6621

■ 155.4680,
-26.3597, 54.8406

■ 167.3680,
-21.3804, 44.4043

■ 179.2680,
-16.4011, 33.9680

■ 191.1680,
-11.4218, 23.5317

■ 202.4810, -6.1531,
13.6102

■ 214.2670, -1.6106,
3.2738

■ 226.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



115.8530, -9.7875, 106.2459



120.4690, -41.1502, 85.5347



121.3140, -59.8078, 49.7136

Triad

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



120.4690, -41.1502, 85.5347



102.2710, -1.6126, -89.6917



115.2270, 65.9501, -59.8351

Complementary

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



120.4690, -41.1502, 85.5347



134.5310, 41.1502, -85.5347

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.



113.1420, 67.9640, -99.2255



120.4690, -41.1502, 85.5347



110.2680, 26.4899, -96.7050

Square

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



120.4690, -41.1502, 85.5347



101.8750, -34.4484, -57.7724



115.3640, 51.0925, -101.1742



131.6000, 40.6232, 37.1848

Rectangle

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



120.4690, -41.1502, 85.5347



119.3550, -58.8420, 19.8597



115.3640, 51.0925, -101.1742



106.3260, 72.3103, -93.2479

Sweetspot

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



120.4690, -41.1502, 85.5347



220.7020, -14.6431, 30.0793



106.2810, 31.4135, 97.9776



107.1180, -8.9322, 18.3135



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.



120.4690, -41.1502, 85.5347



117.3350, -57.8462, 120.7322



172.7120, -66.9060, 39.7176



104.0500, -2.4896, 5.2182



79.9030, -39.3922, 81.6461



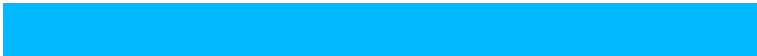
21.3850, -10.5428, 21.5874

Inverse Universe

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



134.5310, 41.1502, -85.5347



137.6650, 57.8462, -120.7322



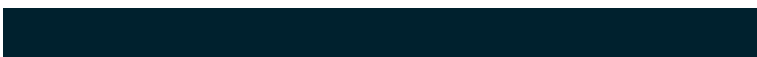
82.2880, 66.9060, -39.7176



104.9500, 2.4896, -5.2182



93.0970, 39.3922, -81.6461



24.6150, 10.5428, -21.5874

Previews

White Background



This preview shows how the YUV color 120.4690, -41.1502, 85.5347 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 120.4690, -41.1502, 85.5347 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 120.4690, -41.1502, 85.5347

Background



This preview shows how black text looks on a background with the YUV color 120.4690, -41.1502, 85.5347.



This preview shows how white text looks on a background with the YUV color 120.4690, -41.1502, 85.5347.

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

120.4690, -41.1502, 85.5347

Protanopia

124.8380, -37.8811, 16.8051

Deuteranopia

123.4460, -50.0129, 34.6889



Tritanopia

123.8320, -18.1582, 84.3393

Trichromacy



Original Color

120.4690, -41.1502, 85.5347

Protanomaly

123.0630, -38.9781, 42.0407

Deuteranomaly

122.3650, -47.0149, 53.1769

Tritanomaly

122.6550, -26.4519, 84.4946

Monochromacy



Original Color

120.4690, -41.1502, 85.5347

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3000, -14.9379, 31.3089

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4690, -41.1502, 85.5347 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(218, 87, 37)` looks like.

```
.text, #text, p{  
    color:rgb(218, 87, 37)  
}
```

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(218, 87, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 87, 37) }
```

Border

The CSS property to change the border of an element to YUV 120.4690, -41.1502, 85.5347 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(218, 87, 37) }
```


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

```
.border{ border-color:rgb(218, 87, 37) }
```

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

Here you see how a box with a 4 pixel rgb(218, 87, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 87, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 87, 37);  
box-shadow:4px 4px 4px 4px rgb(218, 87,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 120.4690, -41.1502, 85.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 87, 37) }
```

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

```
.background{ background-color: rgb(218, 87,  
37) }
```

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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