

Converting Colors

YUV(109.1830, -34.1072,
66.4915)

Have a look what the booklet for
YUV(109.1830, -34.1072, 66.4915)
contains.

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Color

**YUV(109.1830, -34.1072,
66.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	B95428
RGB	185, 84, 40
RGB Percent	73%, 33%, 16%
CMY	0.2745, 0.6706, 0.8431
CMYK	0.00, 0.55, 0.78, 0.27
HSL	18°, 64%, 44%
HSV	18°, 78%, 73%
XYZ	23.5609, 16.8081, 4.0100
YIQ	109.1830, 74.3200, 7.7280

Conversions

Conversions Part 2

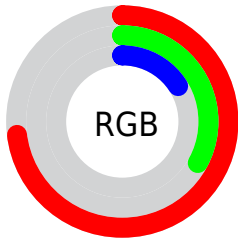
Format	Color
RYB	185, 103, 40
Decimal	12145704
CIELab	48.02, 38.15, 43.83
CIElCh	48, 58.112, 48.963
Yxy	16.8081, 0.5309, 0.3787
Android (android.graphics.Color)	4290335784 (0xFFB95428)
YUV	109.1830, -34.1072, 66.4915
Hunter-Lab	40.9977, 30.8358, 22.8993

Details

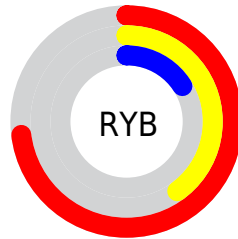
The YUV color **109.1830, -34.1072, 66.4915** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **115.8170, 34.1072, -66.4915**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7170, -37.3285, 73.0392**, and **56.7460, -27.9758, 59.8588** is the 20% darker color. If you saturate the color by 10%, you get **99.5000, -38.2075, 74.9835**, and if you desaturate by 10%, it is **118.9800, -29.5701, 57.8995**.

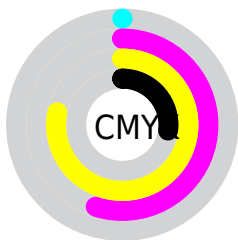
Distribution



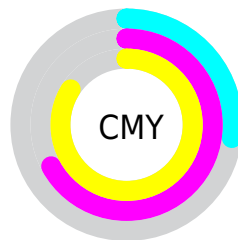
- Red (73%)
- Green (33%)
- Blue (16%)



- Red (73%)
- Yellow (40%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (78%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1830, -34.1072, 66.4915 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 109.1830, -34.1072, 66.4915 by changing the saturation by 10% instead.

■ 109.1830,
-34.1072, 66.4915

■ 109.1830,
-34.1072, 66.4915

■ 255.0000, 0.0000,
0.0000

■ 82.8020, -32.9334,
63.3176

■ 163.7170,
-37.3285, 73.0392

■ 56.7460, -27.9758,
59.8588

■ 184.8080,
-35.4013, 61.5584

■ 30.4650, -15.0192,
57.4742

■ 204.2080,
-32.1475, 44.5446

■ 20.0330, -9.8763,
41.1901

■ 223.7220,
-28.4569, 27.4308

■ 12.6720, -5.7543,
25.7207

■ 243.9370,
-24.6189, 9.7023

■ 0.0000, 0.0000,
0.0000

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 109.1830,
-34.1072, 66.4915

■ 109.1830,
-34.1072, 66.4915

■ 99.5000, -38.2075,
74.9835

■ 118.9800,
-29.5701, 57.8995

■ 89.7030, -42.7446,
83.5755

■ 128.6630,
-25.4699, 49.4075

■ 88.1870, -43.4762,
84.9050

■ 138.4600,
-20.9328, 40.8156

■ 148.1430,
-16.8325, 32.3236

■ 157.3530,
-12.0060, 24.2464

■ 167.0360, -7.9057,
15.7544

■ 176.8330, -3.3687,
7.1625

■ 186.5160, 0.7316,
-1.3295

■ 196.3130, 5.2687,
-9.9215

Harmonies

Analogous

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



107.9440, -11.3114, 81.6101



109.1830, -34.1072, 66.4915



107.0830, -52.7919, 39.3922

Triad

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



109.1830, -34.1072, 66.4915



89.9610, 1.9912, -78.8958



109.4080, 48.1129, -31.9298

Complementary

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



109.1830, -34.1072, 66.4915



115.8170, 34.1072, -66.4915

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.



97.4290, 55.9905, -85.4452



109.1830, -34.1072, 66.4915



96.2480, 23.5417, -84.4095

Square

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



109.1830, -34.1072, 66.4915



94.7700, -25.0296, -45.4023



99.9760, 42.9028, -87.6790



116.9340, 30.5985, 32.5069

Rectangle

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



109.1830, -34.1072, 66.4915



105.1680, -51.8478, 16.5157



99.9760, 42.9028, -87.6790



91.6730, 59.3212, -80.3972

Sweetspot

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



109.1830, -34.1072, 66.4915



209.9080, -13.7586, 26.3907



94.9830, 23.1794, 78.9449



101.9220, -8.3425, 15.8544



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.1830, -34.1072, 66.4915



122.0770, -53.2820, 103.4185



151.4470, -54.9434, 29.4260



86.8650, -1.9054, 4.5034



74.2330, -36.5969, 71.7097



13.6550, -6.7319, 12.5806

Inverse Universe

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



115.8170, 34.1072, -66.4915



131.9230, 53.2820, -103.4185



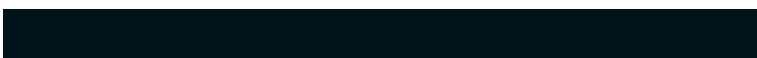
73.5530, 54.9434, -29.4260



87.5480, 2.1948, -3.9886



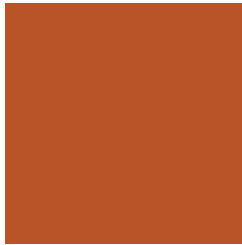
81.1800, 36.8863, -71.1949



14.9320, 6.4425, -13.0954

Previews

White Background



This preview shows how the YUV color 109.1830, -34.1072, 66.4915 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 109.1830, -34.1072, 66.4915 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.1830, -34.1072, 66.4915

Background



This preview shows how black text looks on a background with the YUV color 109.1830, -34.1072, 66.4915.



This preview shows how white text looks on a background with the YUV color 109.1830, -34.1072, 66.4915.

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

109.1830, -34.1072, 66.4915

Protanopia

111.0640, -30.5976, 13.9759

Deuteranopia

110.6870, -38.7927, 29.2155



Tritanopia

111.8620, -13.7360, 65.8960

Trichromacy



Original Color

109.1830, -34.1072, 66.4915

Protanomaly

110.5440, -31.8202, 32.8489

Deuteranomaly

110.2310, -37.0889, 42.7704

Tritanomaly

110.9130, -21.1561, 65.8513

Monochromacy



Original Color

109.1830, -34.1072, 66.4915

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2390, -12.4428, 24.3464

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1830, -34.1072, 66.4915 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(185, 84, 40)` looks like.

```
.text, #text, p{  
    color:rgb(185, 84, 40)  
}
```

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(185, 84, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 84, 40) }
```

Border

The CSS property to change the border of an element to YUV 109.1830, -34.1072, 66.4915 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(185, 84, 40) }
```


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

```
.border{ border-color:rgb(185, 84, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 84, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 84, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 84, 40);  
box-shadow:4px 4px 4px 4px rgb(185, 84,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 109.1830, -34.1072, 66.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 84, 40) }
```

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

```
.background{ background-color: rgb(185, 84,  
40) }
```

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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