

Converting Colors

YUV(84.8450, -18.1646,
39.6009)

Have a look what the booklet for
YUV(84.8450, -18.1646, 39.6009)
contains.

YUV(84.8450, -18.1646, 39.6009)	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(84.8450, -18.1646,
39.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	824530
RGB	130, 69, 48
RGB Percent	51%, 27%, 19%
CMY	0.4902, 0.7294, 0.8118
CMYK	0.00, 0.47, 0.63, 0.49
HSL	15°, 46%, 35%
HSV	15°, 63%, 51%
XYZ	11.8675, 9.2155, 3.9496
YIQ	84.8450, 43.0970, 6.4010

Conversions

Conversions Part 2

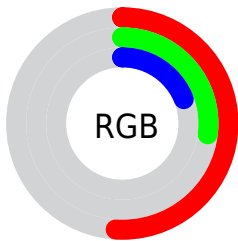
Format	Color
RYB	130, 76, 48
Decimal	8537392
CIELab	36.40, 24.06, 24.13
CIELCh	36, 34.079, 45.083
Yxy	9.2155, 0.4741, 0.3681
Android (android.graphics.Color)	4286727472 (0xFF824530)
YUV	84.8450, -18.1646, 39.6009
Hunter-Lab	30.3570, 16.6568, 13.5360

Details

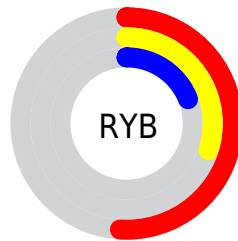
The YUV color **84.8450, -18.1646, 39.6009** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **93.1550, 18.1646, -39.6009**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7100, -20.0700, 44.1043**, and **36.4530, -16.9853, 34.6827** is the 20% darker color. If you saturate the color by 10%, you get **77.4930, -20.9490, 46.0486**, and if you desaturate by 10%, it is **92.1970, -15.3801, 33.1532**.

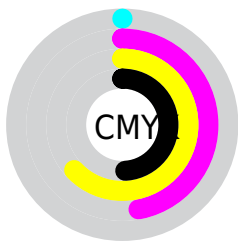
Distribution



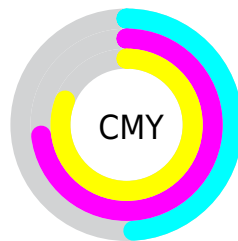
- Red (51%)
- Green (27%)
- Blue (19%)



- Red (51%)
- Yellow (30%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (63%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8450, -18.1646, 39.6009 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 84.8450, -18.1646, 39.6009 by changing the saturation by 10% instead.

84.8450, -18.1646,
39.6009

84.8450, -18.1646,
39.6009

255.0000, 0.0000,
0.0000

60.8770, -16.7014,
36.9419

135.7100,
-20.0700, 44.1043

36.4530, -16.9853,
34.6827

162.3790,
-21.3858, 46.1486

15.5370, -7.6597,
30.2241

190.1620,
-22.2649, 48.0929

5.6810, -2.8007,
11.6808

212.0790,
-19.7589, 37.6417

0.0000, 0.0000,
0.0000

232.1800,
-16.3577, 20.0131

251.8080,

-12.2303, 2.7994

■ 84.8450, -18.1646,
39.6009

■ 84.8450, -18.1646,
39.6009

■ 77.4930, -20.9490,
46.0486

■ 92.1970, -15.3801,
33.1532

■ 70.7280, -24.0229,
51.9815

■ 98.9620, -12.3063,
27.2203

■ 63.3760, -26.8074,
58.4292

■ 106.3140, -9.5218,
20.7726

■ 58.2410, -28.7128,
62.9326

■ 113.6660, -6.7373,
14.3249

■ 120.4310, -3.6635,
8.3920

■ 127.7830, -0.8790,
1.9443

■ 135.1350, 1.9054,
-4.5034

■ 141.9000, 4.9793,
-10.4363

■ 149.2520, 7.7638,
-16.8840

Harmonies

Analogous

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



85.6790, -6.2507, 45.0085



84.8450, -18.1646, 39.6009



83.6940, -25.9781, 25.7014

Triad

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



84.8450, -18.1646, 39.6009



65.6200, 2.6523, -57.5487



83.8770, 26.6826, -18.3091

Complementary

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



84.8450, -18.1646, 39.6009



93.1550, 18.1646, -39.6009

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.



69.7360, 33.6542, -61.1585



84.8450, -18.1646, 39.6009



69.3990, 14.5933, -60.8629

Square

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



84.8450, -18.1646, 39.6009



77.9380, -16.2384, -18.3626



71.0750, 26.0920, -62.3328



88.3820, 17.5597, 14.5740

Rectangle

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



84.8450, -18.1646, 39.6009



82.6770, -26.9558, 12.5613



71.0750, 26.0920, -62.3328



79.5870, 29.7836, -32.9638

Sweetspot

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



84.8450, -18.1646, 39.6009



150.8510, -7.3215, 15.0397



79.5860, 14.9941, 44.2131



73.6160, -4.2477, 9.1068



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



84.8450, -18.1646, 39.6009



97.6430, -28.4180, 61.7031



108.9120, -30.0296, 18.4942



60.2670, -1.6106, 3.2738



57.6430, -28.4180, 61.7031



0.0000, 0.0000, 0.0000

Inverse Universe

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



93.1550, 18.1646, -39.6009



110.9440, 28.1286, -62.2179



69.6750, 29.7402, -19.0090



60.7330, 1.6106, -3.2738



70.3570, 28.4180, -61.7031



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.8450, -18.1646, 39.6009 looks on a white background.

Color Contrast Check

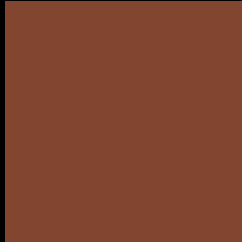
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 84.8450, -18.1646, 39.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 84.8450, -18.1646, 39.6009

Background



This preview shows how black text looks on a background with the YUV color 84.8450, -18.1646, 39.6009.



This preview shows how white text looks on a background with the YUV color 84.8450, -18.1646,

39.6009.

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

84.8450, -18.1646, 39.6009

Protanopia

84.7440, -15.1568, 8.1175

Deuteranopia

84.9580, -19.6993, 18.4538



Tritanopia

86.0050, -7.3975, 39.4606

Trichromacy



Original Color

84.8450, -18.1646, 39.6009

Protanomaly

84.8810, -16.2103, 19.3984

Deuteranomaly

84.8280, -19.1422, 26.4608

Tritanomaly

85.6800, -11.1812, 39.7456

Monochromacy



Original Color

84.8450, -18.1646, 39.6009

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7800, -6.3005, 14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8450, -18.1646, 39.6009 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(130, 69, 48)` looks like.

```
.text, #text, p{  
    color:rgb(130, 69, 48)  
}
```

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(130, 69, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 69, 48) }
```

Border

The CSS property to change the border of an element to YUV 84.8450, -18.1646, 39.6009 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(130, 69, 48) }
```


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

```
.border{ border-color:rgb(130, 69, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 69, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 69, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 69, 48);  
box-shadow:4px 4px 4px 4px rgb(130, 69,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 84.8450, -18.1646, 39.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 69, 48) }
```

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

```
.background{ background-color: rgb(130, 69,  
48) }
```

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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