

Converting Colors

YUV(106.7130, -24.5085,
67.7807)

Have a look what the booklet for
YUV(106.7130, -24.5085, 67.7807)
contains.

YUV(106.7130, -24.5085, 67.7807)	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(106.7130, -24.5085,
67.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	B84D39
RGB	184, 77, 57
RGB Percent	72%, 30%, 22%
CMY	0.2784, 0.6980, 0.7765
CMYK	0.00, 0.58, 0.69, 0.28
HSL	9°, 53%, 47%
HSV	9°, 69%, 72%
XYZ	23.1596, 15.7935, 5.6987
YIQ	106.7130, 70.1920, 16.4640

Conversions

Conversions Part 2

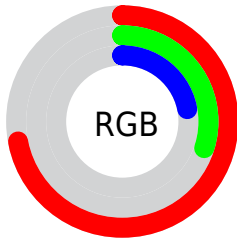
Format	Color
RYB	184, 81, 57
Decimal	12078393
CIELab	46.70, 42.03, 33.30
CIElCh	47, 53.619, 38.388
Yxy	15.7935, 0.5187, 0.3537
Android (android.graphics.Color)	4290268473 (0xFFB84D39)
YUV	106.7130, -24.5085, 67.7807
Hunter-Lab	39.7410, 34.4761, 19.3168

Details

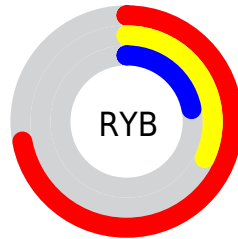
The YUV color **106.7130, -24.5085, 67.7807** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **134.2870, 24.5085, -67.7807**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9480, -27.5824, 73.7136**, and **52.3580, -19.4035, 63.7070** is the 20% darker color. If you saturate the color by 10%, you get **95.2690, -27.7406, 77.8171**, and if you desaturate by 10%, it is **118.1570, -21.2764, 57.7443**.

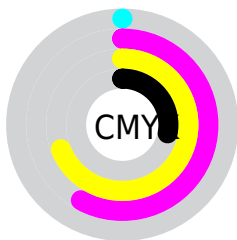
Distribution



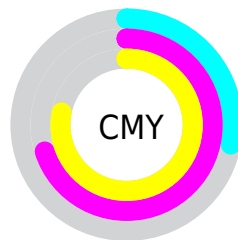
- Red (72%)
- Green (30%)
- Blue (22%)



- Red (72%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (28%)



- Cyan (28%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7130, -24.5085, 67.7807 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 106.7130, -24.5085, 67.7807 by changing the saturation by 10% instead.

■ 106.7130,
-24.5085, 67.7807

■ 106.7130,
-24.5085, 67.7807

■ 255.0000, 0.0000,
0.0000

■ 79.9730, -22.1717,
64.9217

■ 160.9480,
-27.5824, 73.7136

■ 52.3580, -19.4035,
63.7070

■ 182.6370,
-25.9500, 63.4624

■ 28.7040, -14.1511,
59.0186

■ 202.0370,
-22.6962, 46.4486

■ 20.0330, -9.8763,
41.1901

■ 221.5510,
-19.0056, 29.3348

■ 12.3730, -5.6069,
25.1059

■ 241.7660,
-15.1676, 11.6062

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,

1.4997

■ 106.7130,
-24.5085, 67.7807

■ 106.7130,
-24.5085, 67.7807

■ 95.2690, -27.7406,
77.8171

■ 118.1570,
-21.2764, 57.7443

■ 84.2980, -31.6989,
87.4387

■ 129.1280,
-17.3181, 48.1227

■ 72.8540, -34.9310,
97.4750

■ 140.5720,
-14.0860, 38.0864

■ 72.0390, -35.5152,
98.1898

■ 151.5430,
-10.1277, 28.4648

■ 162.9870, -6.8956,
18.4284

■ 173.8440, -3.3741,
8.9068

■ 185.4020, 0.2948,
-1.2296

■ 196.2590, 3.8163,
-10.7511

■ 207.8170, 7.4852,
-20.8875

Harmonies

Analogous

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



106.6640, -3.2854, 73.9627



106.7130, -24.5085, 67.7807



106.0590, -42.9201, 46.4293

Triad

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



106.7130, -24.5085, 67.7807



84.3870, -4.1348, -74.0074



91.5340, 53.4737, -71.5053

Complementary

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



106.7130, -24.5085, 67.7807



134.2870, 24.5085, -67.7807

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.



94.9040, 48.8543, -83.2308



106.7130, -24.5085, 67.7807



91.3920, 15.0897, -80.1508

Square

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



106.7130, -24.5085, 67.7807



98.0780, -32.0835, -22.8704



95.2340, 34.8876, -83.5202



113.6110, 33.7158, 12.6192

Rectangle

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



106.7130, -24.5085, 67.7807



103.7610, -51.1542, 27.3966



95.2340, 34.8876, -83.5202



91.5930, 53.9377, -80.3271

Sweetspot

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



106.7130, -24.5085, 67.7807



208.9450, -9.8329, 27.2352



107.2850, 28.4535, 67.2791



101.9050, -5.8692, 15.8693



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.



106.7130, -24.5085, 67.7807



118.6980, -38.3051, 106.3819



143.6940, -42.7401, 35.3484



86.2780, -1.6161, 5.0182



60.7320, -29.9409, 83.5500



10.7200, -5.2850, 15.1546

Inverse Universe

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



134.2870, 24.5085, -67.7807



161.7150, 38.5945, -105.8671



97.3060, 42.7401, -35.3484



88.1350, 1.9054, -4.5034



94.6810, 30.2303, -83.0352



17.2800, 5.2850, -15.1546

Previews

White Background



This preview shows how the YUV color 106.7130, -24.5085, 67.7807 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 106.7130, -24.5085, 67.7807 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 106.7130, -24.5085, 67.7807

Background



This preview shows how black text looks on a background with the YUV color 106.7130, -24.5085, 67.7807.



This preview shows how white text looks on a background with the YUV color 106.7130, -24.5085,

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

106.7130, -24.5085, 67.7807

Protanopia

109.2020, -19.8196, 10.3468

Deuteranopia

109.2980, -28.7409, 25.1717



Tritanopia

107.7590, -14.1782, 67.7404

Trichromacy



Original Color

106.7130, -24.5085, 67.7807

Protanomaly

108.5790, -21.4844, 31.0642

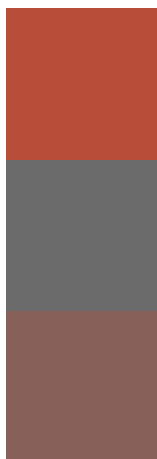
Deuteranomaly

108.1520, -27.1899, 41.0857

Tritanomaly

107.4340, -17.9620, 68.0254

Monochromacy



Original Color

106.7130, -24.5085, 67.7807

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8630, -8.8065, 24.6761

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7130, -24.5085, 67.7807 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(184, 77, 57)` looks like.

```
.text, #text, p{  
    color:rgb(184, 77, 57)  
}
```

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(184, 77, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 77, 57) }
```

Border

The CSS property to change the border of an element to YUV 106.7130, -24.5085, 67.7807 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(184, 77, 57) }
```


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

```
.border{ border-color:rgb(184, 77, 57) }
```

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

Here you see how a box with a 4 pixel rgb(184, 77, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 77, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 77, 57);  
box-shadow:4px 4px 4px 4px rgb(184, 77,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 106.7130, -24.5085, 67.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 77, 57) }
```

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

```
.background{ background-color: rgb(184, 77,  
57) }
```

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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