

Converting Colors

YUV(85.4180, -30.2791,
98.7344)

Have a look what the booklet for
YUV(85.4180, -30.2791, 98.7344)
contains.

YUV(85.4180, -30.2791, 98.7344)	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(85.4180, -30.2791,
98.7344)**

Conversions

Conversions Part 1

Format	Color
Hex	C62818
RGB	198, 40, 24
RGB Percent	78%, 16%, 9%
CMY	0.2235, 0.8431, 0.9059
CMYK	0.00, 0.80, 0.88, 0.22
HSL	6°, 78%, 44%
HSV	6°, 88%, 78%
XYZ	24.2124, 13.5893, 2.2110
YIQ	85.4180, 99.3040, 28.5200

Conversions

Conversions Part 2

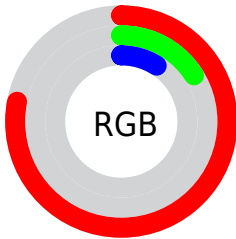
Format	Color
RYB	198, 42, 24
Decimal	12986392
CIELab	43.64, 59.90, 48.26
CIElCh	44, 76.921, 38.858
Yxy	13.5893, 0.6051, 0.3396
Android (android.graphics.Color)	4291176472 (0xFFC62818)
YUV	85.4180, -30.2791, 98.7344
Hunter-Lab	36.8637, 52.7289, 22.2485

Details

The YUV color **85.4180, -30.2791, 98.7344** 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 **136.5820, 30.2791, -98.7344**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0390, -35.5152, 98.1898**, and **40.3650, -19.8999, 82.9949** is the 20% darker color. If you saturate the color by 10%, you get **72.5720, -33.8060, 110.0004**, and if you desaturate by 10%, it is **98.2640, -26.7522, 87.4685**.

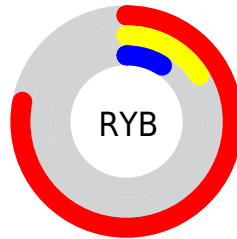
Distribution



Red (78%)

Green (16%)

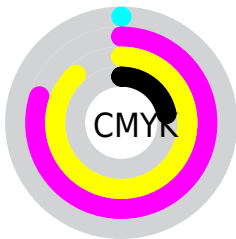
Blue (9%)



Red (78%)

Yellow (16%)

Blue (9%)

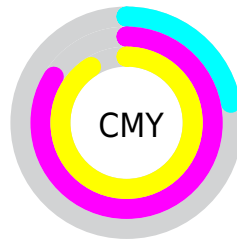


Cyan (0%)

Magenta (80%)

Yellow (88%)

Black (22%)



Cyan (22%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4180, -30.2791, 98.7344 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 85.4180, -30.2791, 98.7344 by changing the saturation by 10% instead.

■ 85.4180, -30.2791,
98.7344

■ 85.4180, -30.2791,
98.7344

255.0000, 0.0000,
0.0000

■ 49.6340, -24.4696,
102.0530

■ 143.0390,
-35.5152, 98.1898

■ 40.3650, -19.8999,
82.9949

■ 162.3250,
-32.6982, 81.2760

■ 31.0960, -15.3303,
63.9368

■ 182.1980,
-30.1706, 63.8474

■ 22.3540, -10.0345,
45.2935

■ 201.5980,
-26.9168, 46.8336


■ 13.2700, -6.0491,
26.9502


■ 221.6990,
-23.5156, 29.2050


■ 0.0000, 0.0000,
0.0000


■ 242.5010,


-19.9670, 10.9616


 252.1500,
-10.9200, 2.4994


 85.4180, -30.2791,
98.7344


 85.4180, -30.2791,
98.7344


 72.5720, -33.8060,
110.0004


 98.2640, -26.7522,
87.4685

 69.7680, -34.3956,
112.4595

 111.1100,
-23.2252, 76.2025

 123.8420,
-20.1351, 65.0366

 136.6880,
-16.6082, 53.7706

 149.5340,
-13.0813, 42.5047

■ 162.3800, -9.5543,
31.2387

■ 175.2260, -6.0274,
19.9728

■ 187.9580, -2.9373,
8.8068

■ 200.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



73.0070, 6.8985, 121.0199



85.4180, -30.2791, 98.7344



96.5720, -47.6100, 57.3804

Triad

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



85.4180, -30.2791, 98.7344



80.0040, -13.3130, -70.1635



88.6700, 70.6617, -77.7636

Complementary

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



85.4180, -30.2791, 98.7344



136.5820, 30.2791, -98.7344

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.



97.1500, 62.5371, -85.2005



85.4180, -30.2791, 98.7344



89.5170, 15.5211, -78.5064

Square

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



85.4180, -30.2791, 98.7344



78.2140, -38.5595, -45.7917



96.5850, 42.6026, -84.7050



104.3570, 49.1240, 17.2269

Rectangle

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



85.4180, -30.2791, 98.7344



96.9720, -47.8072, 27.2116



96.5850, 42.6026, -84.7050



92.8930, 69.0728, -81.4672

Sweetspot

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



85.4180, -30.2791, 98.7344



212.2560, -11.4652, 37.4865



94.2660, 44.2389, 90.9747



102.3080, -7.0538, 22.5319



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.



85.4180, -30.2791, 98.7344



89.7460, -44.2448, 144.9278



135.9000, -55.1667, 54.4617



92.6910, -1.3267, 5.5330



57.5420, -28.3682, 92.4867



12.5250, -6.1748, 20.5876

Inverse Universe

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



136.5820, 30.2791, -98.7344



165.2540, 44.2448, -144.9278



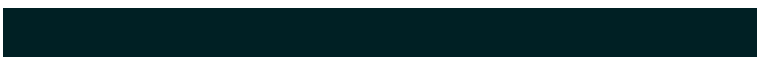
86.6870, 54.8773, -54.9765



96.3090, 1.3267, -5.5330



105.4580, 28.3682, -92.4867



22.8880, 6.4642, -20.0728

Previews

White Background



This preview shows how the YUV color 85.4180, -30.2791, 98.7344 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 85.4180, -30.2791, 98.7344 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 85.4180, -30.2791, 98.7344

Background



This preview shows how black text looks on a background with the YUV color 85.4180, -30.2791, 98.7344.



This preview shows how white text looks on a background with the YUV color 85.4180, -30.2791,

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

85.4180, -30.2791, 98.7344

Protanopia

100.1780, -30.1608, 13.8759

Deuteranopia

97.5810, -48.1074, 30.1855



Tritanopia

85.8400, -23.5851, 98.3643

Trichromacy



Original Color

85.4180, -30.2791, 98.7344

Protanomaly

95.0770, -30.1110, 44.6595

Deuteranomaly

93.4560, -41.6368, 54.8511

Tritanomaly

85.8570, -26.0585, 98.3494

Monochromacy



Original Color

85.4180, -30.2791, 98.7344

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3590, -11.0230, 35.6422

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4180, -30.2791, 98.7344 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(198, 40, 24)` looks like.

```
.text, #text, p{  
    color:rgb(198, 40, 24)  
}
```

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(198, 40, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 40, 24) }
```

Border

The CSS property to change the border of an element to YUV 85.4180, -30.2791, 98.7344 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(198, 40, 24) }
```


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

```
.border{ border-color:rgb(198, 40, 24) }
```

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

Here you see how a box with a 4 pixel rgb(198, 40, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 40, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 40, 24);  
box-shadow:4px 4px 4px 4px rgb(198, 40,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 85.4180, -30.2791, 98.7344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 40, 24) }
```

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

```
.background{ background-color: rgb(198, 40,  
24) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor