

Converting Colors

YUV(88.2030, -24.2571,
80.5060)

Have a look what the booklet for
YUV(88.2030, -24.2571, 80.5060)
contains.

YUV(88.2030, -24.2571, 80.5060)	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(88.2030, -24.2571,
80.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	B43327
RGB	180, 51, 39
RGB Percent	71%, 20%, 15%
CMY	0.2941, 0.8000, 0.8471
CMYK	0.00, 0.72, 0.78, 0.29
HSL	5°, 64%, 43%
HSV	5°, 78%, 71%
XYZ	20.3724, 12.2174, 3.2039
YIQ	88.2030, 80.7360, 23.6160

Conversions

Conversions Part 2

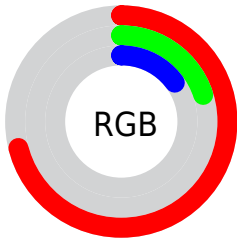
Format	Color
RYB	180, 52, 39
Decimal	11809575
CIELab	41.56, 51.13, 37.50
CIELCh	42, 63.403, 36.255
Yxy	12.2174, 0.5692, 0.3413
Android (android.graphics.Color)	4289999655 (0xFFB43327)
YUV	88.2030, -24.2571, 80.5060
Hunter-Lab	34.9534, 42.8692, 19.0328

Details

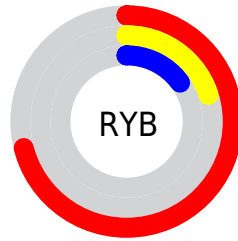
The YUV color **88.2030, -24.2571, 80.5060** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **130.7970, 24.2571, -80.5060**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2700, -29.2201, 85.7092**, and **35.5810, -17.5414, 73.1585** is the 20% darker color. If you saturate the color by 10%, you get **76.7590, -27.4892, 90.5424**, and if you desaturate by 10%, it is **99.6470, -21.0250, 70.4696**.

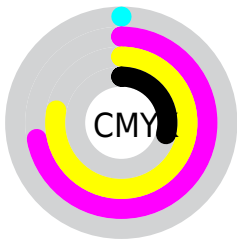
Distribution



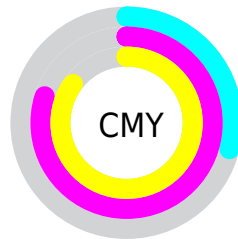
- Red (71%)
- Green (20%)
- Blue (15%)



- Red (71%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (72%)
- Yellow (78%)
- Black (29%)





- Cyan (29%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.2030, -24.2571, 80.5060 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 88.2030, -24.2571, 80.5060 by changing the saturation by 10% instead.


 88.2030, -24.2571,
80.5060

 88.2030, -24.2571,
80.5060


255.0000, 0.0000,
0.0000


 57.0550, -19.7471,
80.6358


 144.2700,
-29.2201, 85.7092

 35.5810, -17.5414,
73.1585


 166.8560,
-28.0300, 77.3023


 26.6110, -13.1192,
54.7152

 186.2560,
-24.7762, 60.2885

 18.7660, -8.2656,
37.9162

 205.6560,
-21.5224, 43.2747

 8.4860, -3.6906,
17.1138

 225.7570,
-18.1212, 25.6461

 0.0000, 0.0000,
0.0000

 245.9720,

-14.2832, 7.9176

253.9740, -3.9312,
0.8998

88.2030, -24.2571,
80.5060

88.2030, -24.2571,
80.5060

76.7590, -27.4892,
90.5424

99.6470, -21.0250,
70.4696

64.7280, -30.4319,
101.0935

111.6780,
-18.0823, 59.9184

62.6250, -30.8741,
102.9379

123.1220,
-14.8501, 49.8820

135.1530,
-11.9074, 39.3308

146.5970, -8.6753,
29.2944

■ 158.6280, -5.7326,
18.7432

■ 170.0720, -2.5005,
8.7069

■ 182.1030, 0.4422,
-1.8443

■ 193.5470, 3.6743,
-11.8807

Harmonies

Analogous

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



82.9080, 3.4964, 92.1657



88.2030, -24.2571, 80.5060



91.8210, -45.2678, 52.7770

Triad

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



88.2030, -24.2571, 80.5060



75.3080, -10.9978, -66.0451



82.4290, 59.4415, -72.2902

Complementary

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



88.2030, -24.2571, 80.5060



130.7970, 24.2571, -80.5060

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.



89.6210, 51.4588, -78.5976



88.2030, -24.2571, 80.5060



82.7520, 12.4473, -72.5735

Square

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



88.2030, -24.2571, 80.5060



81.2920, -40.0770, -25.6891



88.5660, 34.7240, -77.6724



99.5380, 41.1468, 9.1752

Rectangle

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



88.2030, -24.2571, 80.5060



92.5530, -45.6286, 28.4560



88.5660, 34.7240, -77.6724



85.9510, 57.7052, -75.3790

Sweetspot

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



88.2030, -24.2571, 80.5060



197.9780, -9.8492, 32.4683



95.8650, 35.5626, 73.7864



94.9270, -5.8800, 19.3580



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



88.2030, -24.2571, 80.5060



91.2320, -38.0754, 126.0845



129.2930, -44.5144, 44.4700



83.2780, -1.6161, 5.0182



53.3780, -26.3154, 87.3685



8.9480, -4.4114, 14.9546

Inverse Universe

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



130.7970, 24.2571, -80.5060



157.7680, 38.0754, -126.0845



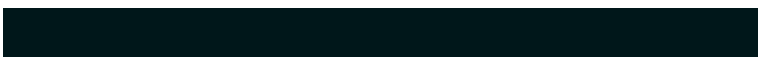
89.7070, 44.5144, -44.4700



85.7220, 1.6161, -5.0182



99.6220, 26.3154, -87.3685



16.4650, 4.7008, -14.4398

Previews

White Background



This preview shows how the YUV color 88.2030, -24.2571, 80.5060 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 88.2030, -24.2571, 80.5060 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 88.2030, -24.2571, 80.5060

Background



This preview shows how black text looks on a background with the YUV color 88.2030, -24.2571, 80.5060.



This preview shows how white text looks on a background with the YUV color 88.2030, -24.2571,

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

88.2030, -24.2571, 80.5060

Protanopia

96.7460, -21.5668, 10.7468

Deuteranopia

95.5600, -32.8141, 24.9419



Tritanopia

88.3970, -18.4367, 80.3358

Trichromacy



Original Color

88.2030, -24.2571, 80.5060

Protanomaly

93.9710, -22.6637, 35.9824

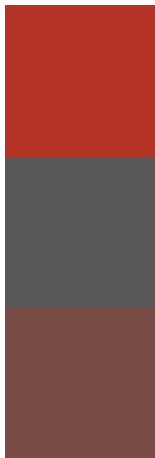
Deuteranomaly

92.6040, -29.3848, 45.0743

Tritanomaly

88.5280, -20.4733, 80.2209

Monochromacy



Original Color

88.2030, -24.2571, 80.5060

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1840, -8.9647, 28.7796

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2030, -24.2571, 80.5060 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(180, 51, 39)` looks like.

```
.text, #text, p{  
    color:rgb(180, 51, 39)  
}
```

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(180, 51, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 51, 39) }
```

Border

The CSS property to change the border of an element to YUV 88.2030, -24.2571, 80.5060 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(180, 51, 39) }
```


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

```
.border{ border-color:rgb(180, 51, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 51, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 51, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 51, 39);  
box-shadow:4px 4px 4px 4px rgb(180, 51,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 88.2030, -24.2571, 80.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 51, 39) }
```

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

```
.background{ background-color: rgb(180, 51,  
39) }
```

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