

Converting Colors

YUV(92.2830, -18.8735,
80.4358)

Have a look what the booklet for
YUV(92.2830, -18.8735, 80.4358)
contains.

YUV(92.2830, -18.8735, 80.4358)	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(92.2830, -18.8735,
80.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	B83536
RGB	184, 53, 54
RGB Percent	72%, 21%, 21%
CMY	0.2784, 0.7922, 0.7882
CMYK	0.00, 0.71, 0.71, 0.28
HSL	360°, 55%, 46%
HSV	360°, 71%, 72%
XYZ	21.7061, 13.0029, 4.8558
YIQ	92.2830, 77.7550, 28.0830

Conversions

Conversions Part 2

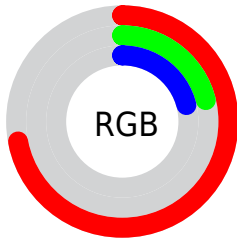
Format	Color
R_{YB}	184, 53, 54
Decimal	12072246
CIE Lab	42.77, 52.31, 30.40
CIE LCh	43, 60.504, 30.161
Yxy	13.0029, 0.5486, 0.3286
Android (android.graphics.Color)	4290262326 (0xFFB83536)
YUV	92.2830, -18.8735, 80.4358
Hunter-Lab	36.0595, 44.3443, 17.2576

Details

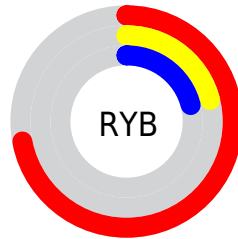
The YUV color **92.2830, -18.8735, 80.4358** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **144.7170, 18.8735, -80.4358**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4640, -23.3998, 85.5391**, and **38.3300, -13.4737, 75.1326** is the 20% darker color. If you saturate the color by 10%, you get **79.6650, -21.5268, 91.5018**, and if you desaturate by 10%, it is **104.9010, -16.2202, 69.3698**.

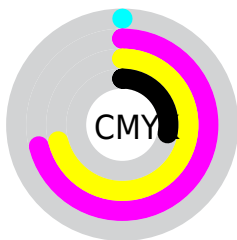
Distribution



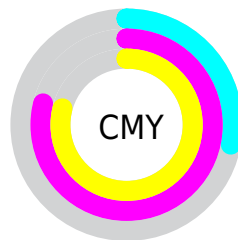
- Red (72%)
- Green (21%)
- Blue (21%)



- Red (72%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (71%)
- Yellow (71%)
- Black (28%)





- Cyan (28%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.2830, -18.8735, 80.4358 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 92.2830, -18.8735, 80.4358 by changing the saturation by 10% instead.


 92.2830, -18.8735,
80.4358


 92.2830, -18.8735,
80.4358


255.0000, 0.0000,
0.0000

 61.4340, -14.5110,
81.1804


 148.4640,
-23.3998, 85.5391

 38.3300, -13.4737,
75.1326


 170.4410,
-21.9094, 74.1582

 28.1060, -13.8563,
57.7890

 189.2540,
-18.3662, 57.6592

 19.5490, -9.1447,
39.8605

 209.3550,
-14.9650, 40.0307

 10.5790, -4.7224,
21.4172

 229.4560,
-11.5638, 22.4021

 0.0000, 0.0000,
0.0000

 249.7850, -7.2890,

4.5736

■ 92.2830, -18.8735,
80.4358

■ 92.2830, -18.8735,
80.4358

■ 79.6650, -21.5268,
91.5018

■ 104.9010,
-16.2202, 69.3698

■ 66.3460, -24.3276,
103.1826

■ 118.2200,
-13.4195, 57.6891

■ 55.1300, -26.6861,
113.0190

■ 130.8380,
-10.7661, 46.6231

■ 144.0430, -8.4022,
35.0423

■ 156.6610, -5.7489,
23.9763

■ 169.3930, -2.6587,
12.8103

■ 182.5980, -0.2948,
1.2296

■ 195.2160, 2.3585,
-9.8364

■ 208.4210, 4.7224,
-21.4172

Harmonies

Analogous

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



91.4230, 5.7075, 82.9440



92.2830, -18.8735, 80.4358



93.6260, -46.1576, 58.2100

Triad

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



92.2830, -18.8735, 80.4358



75.7980, -14.1974, -66.4748



85.8370, 57.2684, -75.2790

Complementary

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



92.2830, -18.8735, 80.4358



144.7170, 18.8735, -80.4358

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.



90.6980, 47.9699, -79.5421



92.2830, -18.8735, 80.4358



83.6010, 8.0847, -73.3181

Square

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



92.2830, -18.8735, 80.4358



87.2720, -43.0251, -13.3935



89.3010, 29.9246, -78.3170



101.2050, 42.7899, -4.5648

Rectangle

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



92.2830, -18.8735, 80.4358



95.2550, -46.9607, 35.7334



89.3010, 29.9246, -78.3170



88.5440, 54.9478, -77.6531

Sweetspot

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



92.2830, -18.8735, 80.4358



204.3630, -7.0810, 31.2536



106.5050, 38.2050, 66.2091



98.9700, -4.4222, 18.4433



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.



92.2830, -18.8735, 80.4358



97.2240, -29.1974, 125.2146



129.1500, -37.5419, 48.1034



85.6910, -1.3267, 5.5330



46.7580, -22.5587, 95.8052



8.3720, -4.1274, 17.2138

Inverse Universe

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



92.2830, -18.8735, 80.4358



97.2240, -29.1974, 125.2146



107.8500, 37.5419, -48.1034



85.6910, -1.3267, 5.5330



46.7580, -22.5587, 95.8052



8.3720, -4.1274, 17.2138

Previews

White Background



This preview shows how the YUV color 92.2830, -18.8735, 80.4358 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 92.2830, -18.8735, 80.4358 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 92.2830, -18.8735, 80.4358

Background



This preview shows how black text looks on a background with the YUV color 92.2830, -18.8735, 80.4358.



This preview shows how white text looks on a background with the YUV color 92.2830, -18.8735,

80.4358.

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

92.2830, -18.8735, 80.4358

Protanopia

100.8580, -14.7200, 8.0175

Deuteranopia

99.8570, -26.5515, 22.9274



Tritanopia

92.3970, -18.4367, 80.3358

Trichromacy



Original Color

92.2830, -18.8735, 80.4358

Protanomaly

97.6810, -16.1117, 34.4828

Deuteranomaly

97.0860, -23.7064, 43.7746

Tritanomaly

92.3970, -18.4367, 80.3358

Monochromacy



Original Color

92.2830, -18.8735, 80.4358

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0530, -6.9281, 28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.2830, -18.8735, 80.4358 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, 53, 54)` looks like.

```
.text, #text, p{  
    color:rgb(184, 53, 54)  
}
```

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, 53, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 53, 54) }
```

Border

The CSS property to change the border of an element to YUV 92.2830, -18.8735, 80.4358 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, 53, 54) }
```


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

```
.border{ border-color:rgb(184, 53, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 53, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 53, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 53, 54);  
box-shadow:4px 4px 4px 4px rgb(184, 53,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 92.2830, -18.8735, 80.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 53, 54) }
```

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

```
.background{ background-color: rgb(184, 53,  
54) }
```

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