

Converting Colors

YUV(85.2830, -15.4225,
93.5908)

Have a look what the booklet for
YUV(85.2830, -15.4225, 93.5908)
contains.

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Color

**YUV(85.2830, -15.4225,
93.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	C02536
RGB	192, 37, 54
RGB Percent	75%, 15%, 21%
CMY	0.2471, 0.8549, 0.7882
CMYK	0.00, 0.81, 0.72, 0.25
HSL	353°, 68%, 45%
HSV	353°, 81%, 75%
XYZ	23.0657, 12.7959, 4.7442
YIQ	85.2830, 86.9230, 38.1470

Conversions

Conversions Part 2

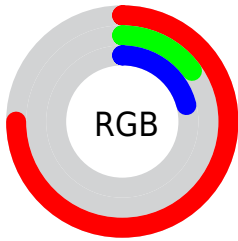
Format	Color
RYB	192, 37, 54
Decimal	12592438
CIELab	42.45, 59.92, 30.41
CIElCh	42, 67.190, 26.907
Yxy	12.7959, 0.5680, 0.3151
Android (android.graphics.Color)	4290782518 (0xFFC02536)
YUV	85.2830, -15.4225, 93.5908
Hunter-Lab	35.7714, 52.4980, 17.1766

Details

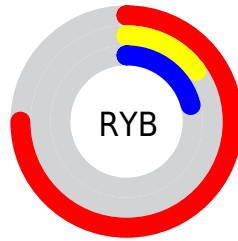
The YUV color **85.2830, -15.4225, 93.5908** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **143.7170, 15.4225, -93.5908**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2850, -21.8325, 96.2201**, and **40.2380, -13.9213, 78.7213** is the 20% darker color. If you saturate the color by 10%, you get **72.1920, -17.3497, 105.0716**, and if you desaturate by 10%, it is **98.3740, -13.4954, 82.1100**.

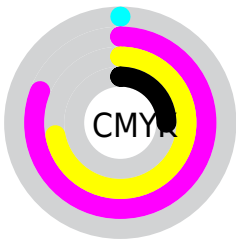
Distribution



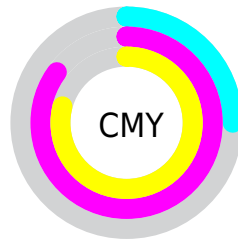
- Red (75%)
- Green (15%)
- Blue (21%)



- Red (75%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (81%)
- Yellow (72%)
- Black (25%)



- Cyan (25%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2830, -15.4225, 93.5908 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 85.2830, -15.4225, 93.5908 by changing the saturation by 10% instead.

■ 85.2830, -15.4225,
93.5908

■ 85.2830, -15.4225,
93.5908

255.0000, 0.0000,
0.0000

■ 51.9010, -9.3182,
95.6798

■ 145.2850,
-21.8325, 96.2201

■ 40.2380, -13.9213,
78.7213

■ 164.5710,
-19.0155, 79.3062

■ 29.9000, -14.7407,
61.4777

■ 183.9710,
-15.7617, 62.2924

■ 21.4570, -9.5923,
43.4492

■ 203.9580,
-12.7973, 44.7638

■ 12.0740, -5.4595,
24.4911

■ 224.1730, -8.9593,
27.0353

■ 0.0000, 0.0000,
0.0000

■ 244.9750, -5.4107,

8.7919

■ 85.2830, -15.4225,
93.5908

■ 85.2830, -15.4225,
93.5908

■ 72.1920, -17.3497,
105.0716

■ 98.3740, -13.4954,
82.1100

■ 59.8020, -19.1294,
115.9376

■ 111.4650,
-11.5682, 70.6292

■ 125.1430, -9.9305,
58.6336

■ 138.2340, -8.0034,
47.1528

■ 151.3250, -6.0762,
35.6720

■ 164.5300, -3.7123,
24.0912

■ 177.6210, -1.7852,
12.6104

■ 191.2990, -0.1474,
0.6148

■ 204.3900, 1.7797,
-10.8660

Harmonies

Analogous

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



81.4600, 13.0842, 96.9436



85.2830, -15.4225, 93.5908



91.9090, -45.3111, 66.7318

Triad

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



85.2830, -15.4225, 93.5908



74.2020, -20.3126, -65.0752



88.1510, 61.0576, -77.3084

Complementary

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



85.2830, -15.4225, 93.5908



143.7170, 15.4225, -93.5908

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.



92.4420, 49.5751, -81.0716



85.2830, -15.4225, 93.5908



82.8030, 5.0271, -72.6182

Square

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



85.2830, -15.4225, 93.5908



86.9840, -42.8831, -12.2640



89.7740, 29.1984, -78.7318



97.7780, 50.3954, -17.3453

Rectangle

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



85.2830, -15.4225, 93.5908



94.7010, -46.6876, 41.4812



89.7740, 29.1984, -78.7318



90.7440, 58.3002, -79.5825

Sweetspot

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



85.2830, -15.4225, 93.5908



208.7380, -5.7868, 36.1868



95.6330, 47.5089, 68.7279



100.2200, -3.5595, 21.7321



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



85.2830, -15.4225, 93.5908



82.7350, -24.0264, 146.6914



117.9780, -39.9222, 64.9173



90.1040, -1.0373, 6.0478



50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Inverse Universe

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



85.2830, -15.4225, 93.5908



82.7350, -24.0264, 146.6914



111.0220, 39.9222, -64.9173



90.1040, -1.0373, 6.0478



50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 85.2830, -15.4225, 93.5908 looks on a white background.

Color Contrast Check

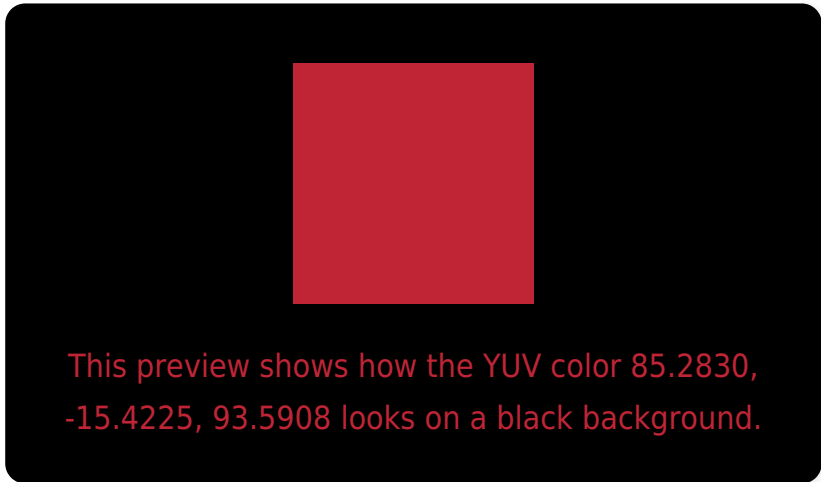
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 85.2830, -15.4225, 93.5908

Background



This preview shows how black text looks on a background with the YUV color 85.2830, -15.4225, 93.5908.



This preview shows how white text looks on a background with the YUV color 85.2830, -15.4225,

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

85.2830, -15.4225, 93.5908

Protanopia

100.5420, -12.0992, 7.4177

Deuteranopia

99.1560, -26.6989, 23.5422



Tritanopia

85.4480, -22.4059, 93.4461

Trichromacy



Original Color

85.2830, -15.4225, 93.5908

Protanomaly

95.0990, -13.3598, 38.5012

Deuteranomaly

94.3470, -22.8491, 48.8077

Tritanomaly

85.4310, -19.9325, 93.4610

Monochromacy



Original Color

85.2830, -15.4225, 93.5908

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.4280, -5.6340, 33.8276

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2830, -15.4225, 93.5908 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(192, 37, 54)` looks like.

```
.text, #text, p{  
    color:rgb(192, 37, 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(192, 37, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 37, 54) }
```

Border

The CSS property to change the border of an element to YUV 85.2830, -15.4225, 93.5908 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(192, 37, 54) }
```


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

```
.border{ border-color:rgb(192, 37, 54) }
```

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

Here you see how a box with a 4 pixel rgb(192, 37, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 37, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 37, 54);  
box-shadow:4px 4px 4px 4px rgb(192, 37,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 85.2830, -15.4225, 93.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 37, 54) }
```

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

```
.background{ background-color: rgb(192, 37,  
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](#).

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