

Converting Colors

YUV(84.1830, -27.2052,
92.8015)

Have a look what the booklet for
YUV(84.1830, -27.2052, 92.8015)
contains.

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Color

**YUV(84.1830, -27.2052,
92.8015)**

Conversions

Conversions Part 1

Format	Color
Hex	BE291D
RGB	190, 41, 29
RGB Percent	75%, 16%, 11%
CMY	0.2549, 0.8392, 0.8863
CMYK	0.00, 0.78, 0.85, 0.25
HSL	4°, 74%, 43%
HSV	4°, 85%, 75%
XYZ	22.2499, 12.6217, 2.4259
YIQ	84.1830, 92.6560, 27.8560

Conversions

Conversions Part 2

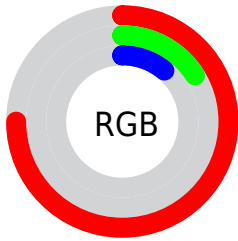
Format	Color
RYB	190, 42, 29
Decimal	12462365
CIELab	42.19, 57.34, 44.05
CIELCh	42, 72.308, 37.528
Yxy	12.6217, 0.5966, 0.3384
Android (android.graphics.Color)	4290652445 (0xFFBE291D)
YUV	84.1830, -27.2052, 92.8015
Hunter-Lab	35.5271, 49.6187, 20.8204

Details

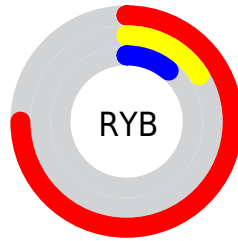
The YUV color **84.1830, -27.2052, 92.8015** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **134.8170, 27.2052, -92.8015**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1960, -33.6206, 97.1751**, and **38.2720, -18.8681, 78.6915** is the 20% darker color. If you saturate the color by 10%, you get **71.4510, -30.2953, 103.9675**, and if you desaturate by 10%, it is **96.9150, -24.1151, 81.6355**.

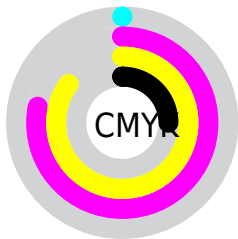
Distribution



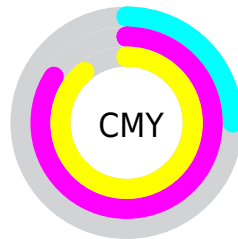
- Red (75%)
- Green (16%)
- Blue (11%)



- Red (75%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (85%)
- Black (25%)



- Cyan (25%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1830, -27.2052, 92.8015 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 84.1830, -27.2052, 92.8015 by changing the saturation by 10% instead.

■ 84.1830, -27.2052,
92.8015

■ 84.1830, -27.2052,
92.8015

255.0000, 0.0000,
0.0000

■ 48.2250, -20.8169,
97.1497

■ 143.1960,
-33.6206, 97.1751

■ 38.2720, -18.8681,
78.6915

■ 162.7810,
-30.9510, 80.8761

■ 29.0030, -14.2985,
59.6334

■ 182.0670,
-28.1340, 63.9622

■ 20.5600, -9.1501,
41.6049

■ 201.4670,
-24.8802, 46.9484

■ 11.1770, -5.0173,
22.6468

■ 221.5680,
-21.4790, 29.3199

■ 0.0000, 0.0000,
0.0000

■ 241.7830,

-17.6410, 11.5913

■ 252.7200, -8.7360,
1.9996

■ 84.1830, -27.2052,
92.8015

■ 84.1830, -27.2052,
92.8015

■ 71.4510, -30.2953,
103.9675

■ 96.9150, -24.1151,
81.6355

■ 65.0280, -32.0588,
109.6004

■ 109.0600,
-20.7356, 70.9844

■ 121.7920,
-17.6455, 59.8184

■ 133.9370,
-14.2659, 49.1673

■ 146.6690,
-11.1758, 38.0013

■ 159.4010, -8.0857,
26.8353

■ 171.5460, -4.7062,
16.1842

■ 184.2780, -1.6161,
5.0182

■ 196.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



70.0170, 8.3726, 114.8721



84.1830, -27.2052, 92.8015



93.3160, -46.0048, 55.8509

Triad

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



84.1830, -27.2052, 92.8015



77.3140, -13.4658, -67.8044



85.5410, 66.2883, -75.0195

Complementary

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



84.1830, -27.2052, 92.8015



134.8170, 27.2052, -92.8015

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.



93.3200, 58.0162, -81.8416



84.1830, -27.2052, 92.8015



85.7840, 13.9105, -75.2326

Square

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



84.1830, -27.2052, 92.8015



78.5680, -38.7340, -36.4551



92.3960, 39.2448, -81.0313



100.7540, 46.9563, 12.4937

Rectangle

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



84.1830, -27.2052, 92.8015



94.0260, -46.3548, 28.0412



92.3960, 39.2448, -81.0313



89.1770, 64.9887, -78.2082

Sweetspot

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



84.1830, -27.2052, 92.8015



206.5870, -10.1494, 35.4422



94.2390, 41.7872, 83.9824



100.1230, -6.4696, 21.8171



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.



84.1830, -27.2052, 92.8015



84.4190, -41.6186, 142.5835



130.5560, -50.0671, 52.1324



88.2780, -1.6161, 5.0182



54.2860, -26.7630, 90.9572



10.4430, -5.1484, 18.0285

Inverse Universe

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



134.8170, 27.2052, -92.8015



162.5810, 41.6186, -142.5835



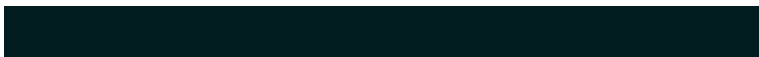
88.4440, 50.0671, -52.1324



91.3090, 1.3267, -5.5330



103.7140, 26.7630, -90.9572



19.9700, 5.4378, -17.5137

Previews

White Background



This preview shows how the YUV color 84.1830, -27.2052, 92.8015 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 84.1830, -27.2052, 92.8015

Background



This preview shows how black text looks on a background with the YUV color 84.1830, -27.2052, 92.8015.



This preview shows how white text looks on a background with the YUV color 84.1830, -27.2052,

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

84.1830, -27.2052, 92.8015

Protanopia

97.7910, -26.5190, 12.4613

Deuteranopia

93.7380, -46.2128, 29.1708



Tritanopia

84.8500, -22.1110, 92.2166

Trichromacy



Original Color

84.1830, -27.2052, 92.8015

Protanomaly

92.6790, -26.4637, 41.5005

Deuteranomaly

90.1290, -39.0106, 52.5069

Tritanomaly

84.3940, -23.8582, 92.6165

Monochromacy



Original Color

84.1830, -27.2052, 92.8015

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9890, -9.8546, 34.2126

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1830, -27.2052, 92.8015 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(190, 41, 29)` looks like.

```
.text, #text, p{  
    color:rgb(190, 41, 29)  
}
```

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(190, 41, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 41, 29) }
```

Border

The CSS property to change the border of an element to YUV 84.1830, -27.2052, 92.8015 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(190, 41, 29) }
```


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

```
.border{ border-color:rgb(190, 41, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 41, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 41, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 41, 29);  
box-shadow:4px 4px 4px 4px rgb(190, 41,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 84.1830, -27.2052, 92.8015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 41, 29) }
```

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

```
.background{ background-color: rgb(190, 41,  
29) }
```

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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