

Converting Colors

YUV(86.8300, -28.5102,
91.3571)

Have a look what the booklet for
YUV(86.8300, -28.5102, 91.3571)
contains.

YUV(86.8300, -28.5102, 91.3571)	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(86.8300, -28.5102,
91.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	BF2D1D
RGB	191, 45, 29
RGB Percent	75%, 18%, 11%
CMY	0.2510, 0.8235, 0.8863
CMYK	0.00, 0.76, 0.85, 0.25
HSL	6°, 74%, 43%
HSV	6°, 85%, 75%
XYZ	22.6460, 13.0418, 2.4861
YIQ	86.8300, 92.1520, 25.9760

Conversions

Conversions Part 2

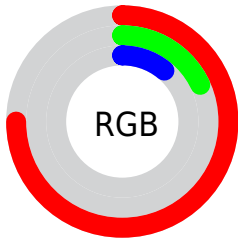
Format	Color
RYB	191, 47, 29
Decimal	12528925
CIELab	42.83, 56.41, 44.69
CIELCh	43, 71.964, 38.385
Yxy	13.0418, 0.5932, 0.3416
Android (android.graphics.Color)	4290719005 (0xFFBF2D1D)
YUV	86.8300, -28.5102, 91.3571
Hunter-Lab	36.1135, 48.7350, 21.1978

Details

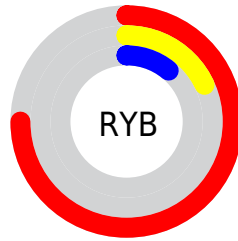
The YUV color **86.8300, -28.5102, 91.3571** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **133.1700, 28.5102, -91.3571**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3700, -34.1994, 96.1455**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **74.6850, -31.8897, 102.0083**, and if you desaturate by 10%, it is **98.9750, -25.1307, 80.7059**.

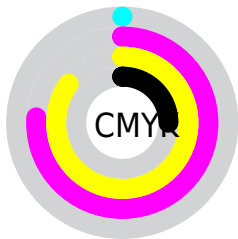
Distribution



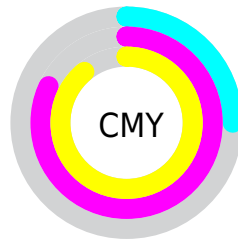
- Red (75%)
- Green (18%)
- Blue (11%)



- Red (75%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (76%)
- Yellow (85%)
- Black (25%)





- Cyan (25%)
- Magenta (82%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.8300, -28.5102, 91.3571 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 86.8300, -28.5102, 91.3571 by changing the saturation by 10% instead.


 86.8300, -28.5102,
91.3571

 86.8300, -28.5102,
91.3571


255.0000, 0.0000,
0.0000


 48.9970, -21.6905,
97.3496


 145.3700,
-34.1994, 96.1455


 38.5710, -19.0155,
79.3062


 163.9550,
-31.5298, 79.8465


 29.3020, -14.4459,
60.2481

 183.3550,
-28.2760, 62.8327

 20.8590, -9.2975,
42.2197

 203.3420,
-25.3116, 45.3041

 11.7750, -5.3121,
23.8763

 223.4430,
-21.9104, 27.6755

 0.0000, 0.0000,
0.0000

 243.6580,

-18.0724, 9.9469

252.7200, -8.7360,
1.9996

86.8300, -28.5102,
91.3571

86.8300, -28.5102,
91.3571

74.6850, -31.8897,
102.0083

98.9750, -25.1307,
80.7059

68.2620, -33.6532,
107.6412

111.1200,
-21.7512, 70.0548

123.8520,
-18.6610, 58.8888

135.9970,
-15.2815, 48.2376

148.2560,
-11.4652, 37.4865

■ 160.4010, -8.0857,
26.8353

■ 172.5460, -4.7062,
16.1842

■ 185.2780, -1.6161,
5.0182

■ 197.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



70.3160, 8.2252, 115.4869



86.8300, -28.5102, 91.3571



94.4900, -46.5836, 54.8213

Triad

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



86.8300, -28.5102, 91.3571



78.3570, -12.0080, -68.7191



86.2420, 66.4357, -75.6342

Complementary

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



86.8300, -28.5102, 91.3571



133.1700, 28.5102, -91.3571

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.



94.1350, 58.6004, -82.5564



86.8300, -28.5102, 91.3571



87.3000, 14.6421, -76.5621

Square

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



86.8300, -28.5102, 91.3571



79.4430, -39.1654, -38.0995



93.2110, 39.8290, -81.7460



102.8360, 45.9299, 15.0528

Rectangle

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



86.8300, -28.5102, 91.3571



95.2000, -46.9336, 27.0116



93.2110, 39.8290, -81.7460



89.8780, 65.1361, -78.8230

Sweetspot

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



86.8300, -28.5102, 91.3571



207.7610, -10.7282, 34.4126



94.4240, 41.2030, 84.6972



100.7100, -6.7590, 21.3023



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.



86.8300, -28.5102, 91.3571



87.9410, -43.3549, 139.4947



133.2030, -51.3721, 50.6880



88.2780, -1.6161, 5.0182



56.6340, -27.9206, 88.8980



11.0300, -5.4378, 17.5137

Inverse Universe

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



133.1700, 28.5102, -91.3571



159.0590, 43.3549, -139.4947



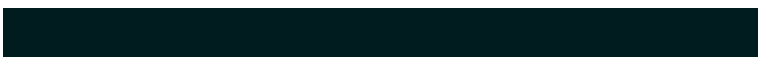
87.3840, 51.0827, -51.2028



90.7220, 1.6161, -5.0182



101.3660, 27.9206, -88.8980



19.9700, 5.4378, -17.5137

Previews

White Background



This preview shows how the YUV color 86.8300, -28.5102, 91.3571 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 86.8300, -28.5102, 91.3571 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 86.8300, -28.5102, 91.3571

Background



This preview shows how black text looks on a background with the YUV color 86.8300, -28.5102, 91.3571.



This preview shows how white text looks on a background with the YUV color 86.8300, -28.5102,

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

86.8300, -28.5102, 91.3571

Protanopia

98.8620, -27.5400, 13.2760

Deuteranopia

95.5100, -47.0864, 29.3707



Tritanopia

87.3660, -21.3794, 90.8870

Trichromacy



Original Color

86.8300, -28.5102, 91.3571

Protanomaly

94.3370, -27.7741, 41.8005

Deuteranomaly

92.4880, -40.1736, 52.1920

Tritanomaly

87.3830, -23.8528, 90.8721

Monochromacy



Original Color

86.8300, -28.5102, 91.3571

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1630, -10.4334, 33.1830

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8300, -28.5102, 91.3571 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(191, 45, 29)` looks like.

```
.text, #text, p{  
    color:rgb(191, 45, 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(191, 45, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 45, 29) }
```

Border

The CSS property to change the border of an element to YUV 86.8300, -28.5102, 91.3571 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(191, 45, 29) }
```


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

```
.border{ border-color:rgb(191, 45, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 45, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 45, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 45, 29);  
box-shadow:4px 4px 4px 4px rgb(191, 45,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 86.8300, -28.5102, 91.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 45, 29) }
```

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

```
.background{ background-color: rgb(191, 45,  
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](#).

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