

Converting Colors

YUV(83.3180, -29.2438, -0.2789)

Have a look what the booklet for
YUV(83.3180, -29.2438, -0.2789)
contains.

YUV(83.3180, -29.2438, -0.2789)	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(83.3180, -29.2438,
-0.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	535F18
RGB	83, 95, 24
RGB Percent	33%, 37%, 9%
CMY	0.6745, 0.6275, 0.9059
CMYK	0.13, 0.00, 0.75, 0.63
HSL	70°, 60%, 23%
HSV	70°, 75%, 37%
XYZ	7.8244, 10.0894, 2.3992
YIQ	83.3180, 15.6390, -24.6250

Conversions

Conversions Part 2

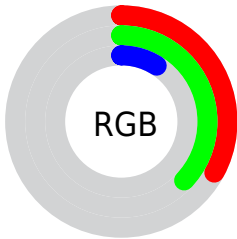
Format	Color
R_{YB}	24, 95, 36
Decimal	5463832
CIE _{Lab}	38.00, -15.26, 37.04
CIE _{LCh}	38, 40.058, 112.395
Yxy	10.0894, 0.3852, 0.4967
Android (android.graphics.Color)	4283653912 (0xFF535F18)
YUV	83.3180, -29.2438, -0.2789
Hunter-Lab	31.7638, -11.6167, 17.7563

Details

The YUV color **83.3180, -29.2438, -0.2789** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35.6820, 29.2438, 0.2789**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8020, -29.9754, 1.0506**, and **39.2280, -19.3394, -3.7080** is the 20% darker color. If you saturate the color by 10%, you get **81.6940, -32.8801, -0.6086**, and if you desaturate by 10%, it is **85.0560, -25.1706, -0.0491**.

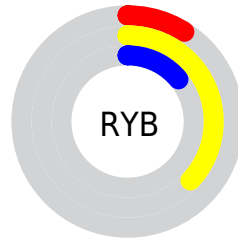
Distribution



 Red (33%)

 Green (37%)

 Blue (9%)



 Red (9%)

 Yellow (37%)

 Blue (14%)

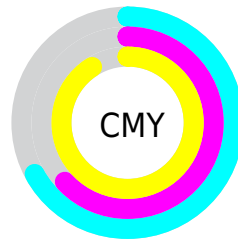


 Cyan (13%)

 Magenta (0%)

 Yellow (75%)

 Black (63%)



 Cyan (67%)

 Magenta (63%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3180, -29.2438, -0.2789 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 83.3180, -29.2438, -0.2789 by changing the saturation by 10% instead.

83.3180, -29.2438,
-0.2789

83.3180, -29.2438,
-0.2789

255.0000, 0.0000,
0.0000

59.0190, -29.0964,
-0.8937

133.8020,
-29.9754, 1.0506

39.2280, -19.3394,
-3.7080

160.4600,
-31.2858, 1.3506

18.5180, -9.1294,
-11.8553

187.3460,
-31.7226, 1.4506

0.0000, 0.0000,
0.0000

215.1180,
-32.5962, 1.6505

243.3030,
-33.1804, 2.3653

249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

83.3180, -29.2438,
-0.2789

83.3180, -29.2438,
-0.2789

81.6940, -32.8801,
-0.6086

85.0560, -25.1706,
-0.0491

80.2550, -37.1007,
-0.2236

86.3810, -21.3868,
-0.3341

79.3860, -39.1373,
-0.3385

88.1190, -17.3137,
-0.1044

89.4440, -13.5299,
-0.3894

91.1820, -9.4567,
-0.1596

■ 92.8060, -5.8204,
0.1701

■ 94.2450, -1.5998,
-0.2149

■ 95.8690, 2.0366,
0.1149

■ 97.3080, 6.2572,
-0.2701

Harmonies

Analogous

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



86.2610, -32.6667, 24.3271



83.3180, -29.2438, -0.2789



77.3170, -14.4533, -30.9730

Triad

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



83.3180, -29.2438, -0.2789



75.8340, 31.6338, -66.5064



89.5620, 4.6529, 47.7421

Complementary

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



83.3180, -29.2438, -0.2789



35.6820, 29.2438, 0.2789

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.



91.9750, 18.2533, 25.4549



83.3180, -29.2438, -0.2789



73.9080, 39.4854, -64.8173

Square

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



83.3180, -29.2438, -0.2789



74.5170, 18.9721, -65.3514



88.8330, 30.1553, -12.1315



87.6970, -10.2036, 52.8857

Rectangle

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



83.3180, -29.2438, -0.2789



68.9140, 0.0424, -60.4376



88.8330, 30.1553, -12.1315



90.7830, 9.4740, 41.4093

Sweetspot

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



83.3180, -29.2438, -0.2789



117.7260, -11.2039, 0.2403



52.2730, -13.9386, 37.4716



58.5780, -6.6940, 0.3701



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



83.3180, -29.2438, -0.2789



104.0780, -45.3945, -0.0684



72.8530, -24.0845, -21.7961



47.5440, -1.7472, 0.3999



93.5510, -46.1206, -0.4832



200.3810, -98.7878, -1.2111

Inverse Universe

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



35.6820, 29.2438, 0.2789



30.2210, 45.2470, 0.6832



46.1470, 24.0845, 21.7961



44.4560, 1.7472, -0.3999



18.4490, 46.1206, 0.4832



39.6190, 98.7878, 1.2111

Previews

White Background



This preview shows how the YUV color 83.3180, -29.2438, -0.2789 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 83.3180, -29.2438, -0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

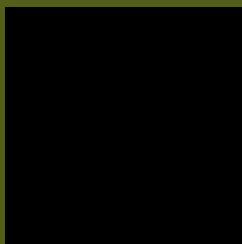
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.3180, -29.2438, -0.2789

Background



This preview shows how black text looks on a background with the YUV color 83.3180, -29.2438, -0.2789.



This preview shows how white text looks on a background with the YUV color 83.3180, -29.2438, -0.2789.

-0.2789.

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

83.3180, -29.2438, -0.2789

Protanopia

85.3520, -30.7395, 12.8463

Deuteranopia

86.5750, -28.8775, 22.2977



Tritanopia

90.0970, 2.9102, -0.0851

Trichromacy



Original Color

83.3180, -29.2438, -0.2789

Protanomaly

84.7320, -30.4339, 8.1280

Deuteranomaly

85.5200, -28.8504, 13.5760

Tritanomaly

87.4100, -8.5831, -0.3596

Monochromacy



Original Color

83.3180, -29.2438, -0.2789

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9540, -10.3303, 0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3180, -29.2438, -0.2789 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(83, 95, 24)` looks like.

```
.text, #text, p{  
    color:rgb(83, 95, 24)  
}
```

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(83, 95, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 95, 24) }
```

Border

The CSS property to change the border of an element to YUV 83.3180, -29.2438, -0.2789 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(83, 95, 24) }
```


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

```
.border{ border-color:rgb(83, 95, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 95, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 95, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 95, 24);  
box-shadow:4px 4px 4px 4px rgb(83, 95, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.3180, -29.2438, -0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 95, 24) }
```

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

```
.background{ background-color: rgb(83, 95,  
24) }
```

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