

# Converting Colors

YUV(84.5960, -26.9158,  
93.3163)

Have a look what the booklet for  
YUV(84.5960, -26.9158, 93.3163)  
contains.

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# Color

**YUV(84.5960, -26.9158,  
93.3163)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF291E
RGB	191, 41, 30
RGB Percent	75%, 16%, 12%
CMY	0.2510, 0.8392, 0.8824
CMYK	0.00, 0.79, 0.84, 0.25
HSL	4°, 73%, 43%
HSV	4°, 84%, 75%
XYZ	22.5131, 12.7560, 2.5039
YIQ	84.5960, 92.9310, 28.3790

# Conversions

## Conversions Part 2

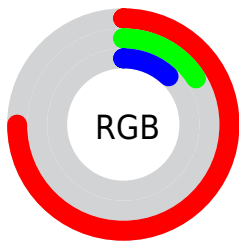
Format	Color
<a href="#">RYB</a>	<a href="#">191, 42, 30</a>
Decimal	<a href="#">12527902</a>
CIELab	<a href="#">42.39, 57.67, 43.80</a>
CIElCh	<a href="#">42, 72.419, 37.220</a>
Yxy	<a href="#">12.7560, 0.5960, 0.3377</a>
Android (android.graphics.Color)	<a href="#">4290717982</a> (0xFFBF291E)
YUV	<a href="#">84.5960, -26.9158, 93.3163</a>
Hunter-Lab	<a href="#">35.7155, 50.0146, 20.8443</a>

# Details

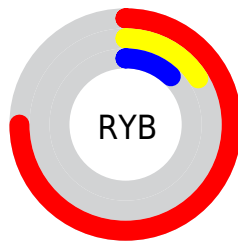
The YUV color **84.5960, -26.9158, 93.3163** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **136.4040, 26.9158, -93.3163**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6090, -33.3312, 97.6899**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **71.8640, -30.0060, 104.4823**, and if you desaturate by 10%, it is **97.3280, -23.8257, 82.1503**.

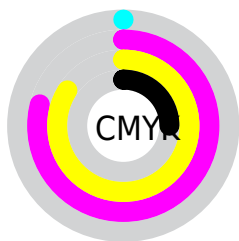
# Distribution



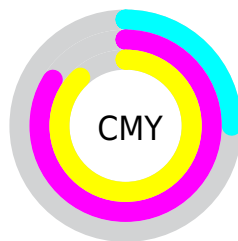
- Red (75%)
- Green (16%)
- Blue (12%)



- Red (75%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (79%)
- Yellow (84%)
- Black (25%)




- Cyan (25%)
- Magenta (84%)
- Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 84.5960, -26.9158, 93.3163 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 84.5960, -26.9158, 93.3163 by changing the saturation by 10% instead.




 84.5960, -26.9158,  
93.3163


 84.5960, -26.9158,  
93.3163


255.0000, 0.0000,  
0.0000


 48.6380, -20.5275,  
97.6645


 143.6090,  
-33.3312, 97.6899


 38.5710, -19.0155,  
79.3062


 162.8950,  
-30.5142, 80.7761


 29.3020, -14.4459,  
60.2481

 182.1810,  
-27.6972, 63.8623

 20.8590, -9.2975,  
42.2197

 201.5810,  
-24.4434, 46.8485

 11.4760, -5.1647,  
23.2615

 221.6820,  
-21.0422, 29.2199

 0.0000, 0.0000,  
0.0000

 242.4840,

-17.4936, 10.9765

■ 252.8340, -8.2992,  
1.8996

■ 84.5960, -26.9158,  
93.3163

■ 84.5960, -26.9158,  
93.3163

■ 71.8640, -30.0060,  
104.4823

■ 97.3280, -23.8257,  
82.1503

■ 64.7400, -31.9168,  
110.7300

■ 110.0600,  
-20.7356, 70.9844

■ 122.2050,  
-17.3561, 60.3332

■ 134.9370,  
-14.2659, 49.1673

■ 147.7830,  
-10.7390, 37.9013

■ 160.5150, -7.6489,  
26.7353

■ 173.2470, -4.5588,  
15.5694

■ 185.3920, -1.1793,  
4.9182

■ 198.1240, 1.9109,  
-6.2477

# Harmonies

## Analogous

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



70.2450, 9.2462, 114.6721



84.5960, -26.9158, 93.3163



93.6150, -46.1522, 56.4656

# Triad

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



84.5960, -26.9158, 93.3163



77.3140, -13.4658, -67.8044



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.



84.5960, -26.9158, 93.3163



136.4040, 26.9158, -93.3163

# 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.



93.9070, 57.7268, -82.3564



84.5960, -26.9158, 93.3163



86.3710, 13.6211, -75.7474

# Square

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



84.5960, -26.9158, 93.3163



79.7530, -39.3182, -35.7404



92.3960, 39.2448, -81.0313



101.4550, 47.1037, 11.8790



# Rectangle

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



84.5960, -26.9158, 93.3163



94.3250, -46.5022, 28.6560



92.3960, 39.2448, -81.0313



89.7640, 64.6993, -78.7230

# Sweetspot

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



84.5960, -26.9158, 93.3163



206.5870, -10.1494, 35.4422



95.2390, 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.



84.5960, -26.9158, 93.3163



83.8320, -41.3292, 143.0983



131.5560, -50.0671, 52.1324



88.2780, -1.6161, 5.0182



53.6990, -26.4736, 91.4720



10.4430, -5.1484, 18.0285



# Inverse Universe

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



136.4040, 26.9158, -93.3163



163.1680, 41.3292, -143.0983



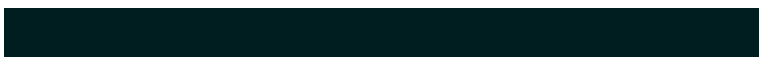
89.4440, 50.0671, -52.1324



91.3090, 1.3267, -5.5330



104.3010, 26.4736, -91.4720



20.5570, 5.1484, -18.0285



# Previews

## White Background



This preview shows how the YUV color 84.5960, -26.9158, 93.3163 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 84.5960, -26.9158, 93.3163

## Background



This preview shows how black text looks on a background with the YUV color 84.5960, -26.9158, 93.3163.



This preview shows how white text looks on a background with the YUV color 84.5960, -26.9158,



# 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

84.5960, -26.9158, 93.3163

### Protanopia

97.9050, -26.0822, 12.3613

### Deuteranopia

95.4220, -43.5920, 28.5709



## Tritanopia

85.1490, -22.2585, 92.8313

# Trichromacy



## Original Color

84.5960, -26.9158, 93.3163

## Protanomaly

93.0920, -26.1744, 42.0153

## Deuteranomaly

91.4710, -37.7002, 52.2069

## Tritanomaly

84.6930, -24.0056, 93.2312

# Monochromacy



## Original Color

84.5960, -26.9158, 93.3163

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

84.9890, -9.8546, 34.2126

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 84.5960, -26.9158, 93.3163 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, 41, 30)` looks like.

```
.text, #text, p{  
    color:rgb(191, 41, 30)  
}
```

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, 41, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 41, 30) }
```

## Border

The CSS property to change the border of an element to YUV 84.5960, -26.9158, 93.3163 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, 41, 30) }
```



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

```
.border{ border-color:rgb(191, 41, 30) }
```

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

Here you see how a box with a 4 pixel rgb(191, 41, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 41, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 41, 30);  
box-shadow:4px 4px 4px 4px rgb(191, 41,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 84.5960, -26.9158, 93.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 41, 30) }
```

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

```
.background{ background-color: rgb(191, 41,  
30) }
```

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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