

# Converting Colors

YUV(111.2100, -28.2045,  
86.6388)

Have a look what the booklet for  
YUV(111.2100, -28.2045, 86.6388)  
contains.

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# Color

**YUV(111.2100, -28.2045,  
86.6388)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D24836                     |
| RGB           | 210, 72, 54                |
| RGB Percent   | 82%, 28%, 21%              |
| CMY           | 0.1765, 0.7176, 0.7882     |
| CMYK          | 0.00, 0.66, 0.74, 0.18     |
| HSL           | 7°, 63%, 52%               |
| HSV           | 7°, 74%, 82%               |
| XYZ           | 29.5616, 18.6027, 5.5226   |
| YIQ           | 111.2100, 88.0260, 23.6580 |

# Conversions

## Conversions Part 2

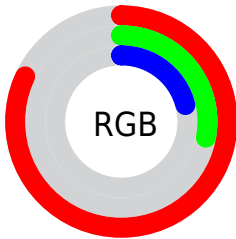
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">210, 74, 54</a>                                  |
| Decimal                             | <a href="#">13781046</a>                                     |
| CIELab                              | <a href="#">50.22, 53.34, 40.14</a>                          |
| CIElCh                              | <a href="#">50, 66.754, 36.962</a>                           |
| Yxy                                 | <a href="#">18.6027, 0.5506, 0.3465</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4291971126</a><br>( <a href="#">0xFFD24836</a> ) |
| YUV                                 | <a href="#">111.2100, -28.2045, 86.6388</a>                  |
| Hunter-Lab                          | <a href="#">43.1309, 46.8635, 22.5999</a>                    |

# Details

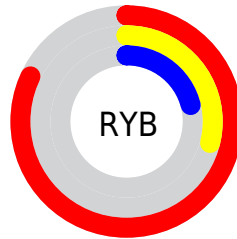
The YUV color **111.2100, -28.2045, 86.6388** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **152.7900, 28.2045, -86.6388**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4220, -29.7880, 81.1909**, and **45.8650, -18.1744, 89.5724** is the 20% darker color. If you saturate the color by 10%, you get **97.6630, -31.8789, 98.5195**, and if you desaturate by 10%, it is **124.7570, -24.5302, 74.7581**.

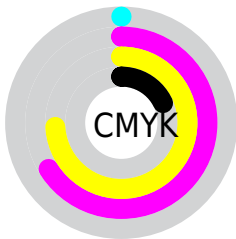
# Distribution



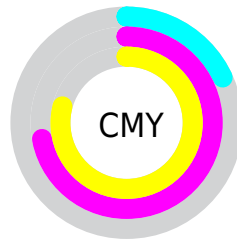
- Red (82%)
- Green (28%)
- Blue (21%)



- Red (82%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (66%)
- Yellow (74%)
- Black (18%)




- Cyan (18%)
- Magenta (72%)
- Yellow (79%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 111.2100, -28.2045, 86.6388 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 111.2100, -28.2045, 86.6388 by changing the saturation by 10% instead.





 111.2100,  
-28.2045, 86.6388


 111.2100,  
-28.2045, 86.6388


255.0000, 0.0000,  
0.0000


 82.4100, -24.8521,  
84.7094


 162.4220,  
-29.7880, 81.1909


 45.8650, -18.1744,  
89.5724


 181.7080,  
-26.9710, 64.2771


 35.2820, -17.3940,  
72.5437


 201.1080,  
-23.7172, 47.2633

 26.0130, -12.8244,  
53.4856

 221.2090,  
-20.3160, 29.6347

 18.1680, -7.9708,  
36.6867

 241.4240,  
-16.4780, 11.9062

 6.9910, -2.9536,  
14.0399

 252.9480, -7.8624,

 0.0000, 0.0000,

1.7996

0.0000

■ 111.2100,  
-28.2045, 86.6388

■ 111.2100,  
-28.2045, 86.6388

■ 97.6630, -31.8789,  
98.5195

■ 124.7570,  
-24.5302, 74.7581

■ 84.7030, -35.8426,  
109.8855

■ 137.7170,  
-20.5665, 63.3922

■ 76.8780, -37.9009,  
116.7480

■ 151.2640,  
-16.8922, 51.5115

■ 164.2240,  
-12.9284, 40.1456

■ 177.7710, -9.2541,  
28.2648

■ 190.7310, -5.2904,  
16.8989

■ 204.2780, -1.6161,  
5.0182

■ 217.8250, 2.0583,  
-6.8625

■ 230.7850, 6.0220,  
-18.2284

# Harmonies

## Analogous

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



109.0180, -0.0089, 96.4542



111.2100, -28.2045, 86.6388



112.2210, -55.3250, 58.5652

# Triad

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



111.2100, -28.2045, 86.6388



91.5620, -9.6441, -80.2999



98.1760, 66.4682, -86.1004

# Complementary

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



111.2100, -28.2045, 86.6388



152.7900, 28.2045, -86.6388

# 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.



105.9550, 58.1962, -92.9225



111.2100, -28.2045, 86.6388



100.1630, 15.6956, -87.8430

# Square

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



111.2100, -28.2045, 86.6388



100.7020, -48.6601, -26.0487



105.8460, 40.0089, -92.8269



122.2440, 43.7567, 12.0640



# Rectangle

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



111.2100, -28.2045, 86.6388



112.0560, -55.2436, 32.3999



105.8460, 40.0089, -92.8269



101.8120, 65.1687, -89.2891

# Sweetspot

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



111.2100, -28.2045, 86.6388



219.2660, -9.9911, 31.3387



116.6040, 38.1562, 81.9083



106.5140, -6.1694, 18.8432



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



111.2100, -28.2045, 86.6388



111.1350, -40.9856, 126.1696



155.8220, -50.1982, 47.5141



97.8760, -1.9109, 6.2477



61.3850, -30.2628, 93.5014



15.1940, -7.4906, 22.6319

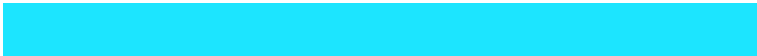


# Inverse Universe

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



152.7900, 28.2045, -86.6388



171.8650, 40.9856, -126.1696



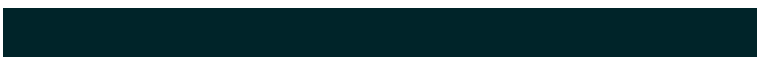
108.1780, 50.1982, -47.5141



100.5370, 2.2003, -5.7329



106.6150, 30.2628, -93.5014



25.8060, 7.4906, -22.6319



# Previews

## White Background



This preview shows how the YUV color 111.2100, -28.2045, 86.6388 looks on a white 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



# Black Background



This preview shows how the YUV color 111.2100, -28.2045, 86.6388 looks on a black 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

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

# YUV 111.2100, -28.2045, 86.6388

## Background



This preview shows how black text looks on a background with the YUV color 111.2100, -28.2045, 86.6388.



This preview shows how white text looks on a background with the YUV color 111.2100, -28.2045,



# 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

111.2100, -28.2045, 86.6388

### Protanopia

117.7740, -24.0456, 12.4762

### Deuteranopia

116.8980, -35.4457, 29.0305



## Tritanopia

111.9140, -19.1846, 86.8984

# Trichromacy



## Original Color

111.2100, -28.2045, 86.6388

## Protanomaly

115.5970, -25.4373, 38.9414

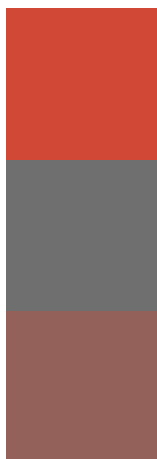
## Deuteranomaly

115.0130, -33.0374, 49.9776

## Tritanomaly

111.7030, -22.5316, 87.0835

# Monochromacy



## Original Color

111.2100, -28.2045, 86.6388

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

111.1520, -10.4279, 31.4387

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.2100, -28.2045, 86.6388 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(210, 72, 54)` looks like.

```
.text, #text, p{  
    color:rgb(210, 72, 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(210, 72, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 72, 54) }
```

## Border

The CSS property to change the border of an element to YUV 111.2100, -28.2045, 86.6388 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(210, 72, 54) }
```



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

```
.border{ border-color:rgb(210, 72, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 72, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 72, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 72, 54);  
box-shadow:4px 4px 4px 4px rgb(210, 72,  
54) }
```

# Background

The CSS property to change the background color of an element to YUV 111.2100, -28.2045, 86.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 72, 54) }
```

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

```
.background{ background-color: rgb(210, 72,  
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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