

# Converting Colors

YUV(104.4580, -17.4808,  
100.4533)

Have a look what the booklet for  
YUV(104.4580, -17.4808, 100.4533)  
contains.

<b>YUV(104.4580, -17.4808, 100.4533)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(104.4580, -17.4808,  
100.4533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB3545
RGB	219, 53, 69
RGB Percent	86%, 21%, 27%
CMY	0.1412, 0.7922, 0.7294
CMYK	0.00, 0.76, 0.68, 0.14
HSL	354°, 70%, 53%
HSV	354°, 76%, 86%
XYZ	31.5607, 18.0359, 7.4481
YIQ	104.4580, 93.8000, 40.1680

# Conversions

## Conversions Part 2

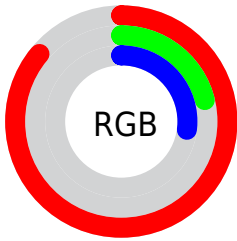
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 53, 69</a>
Decimal	<a href="#">14366021</a>
CIELab	<a href="#">49.54, 63.74, 31.20</a>
CIElCh	<a href="#">50, 70.967, 26.086</a>
Yxy	<a href="#">18.0359, 0.5533, 0.3162</a>
Android (android.graphics.Color)	<a href="#">4292556101 (0xFFDB3545)</a>
YUV	<a href="#">104.4580, -17.4808, 100.4533</a>
Hunter-Lab	<a href="#">42.4687, 58.3322, 19.3300</a>

# Details

The YUV color **104.4580, -17.4808, 100.4533** 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 **167.5420, 17.4808, -100.4533**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9140, -19.1846, 86.8984**, and **49.6080, -11.6387, 93.3058** is the 20% darker color. If you saturate the color by 10%, you get **89.2640, -19.8502, 113.7785**, and if you desaturate by 10%, it is **119.6520, -15.1114, 87.1282**.

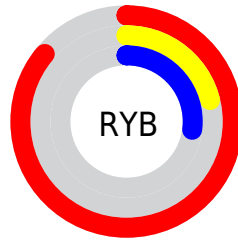
# Distribution



Red (86%)

Green (21%)

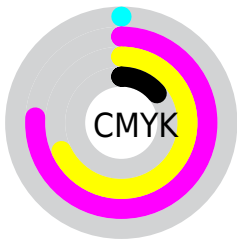
Blue (27%)



Red (86%)

Yellow (21%)

Blue (27%)

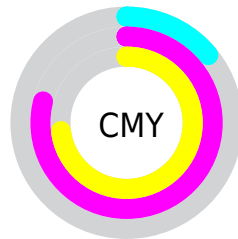


Cyan (0%)

Magenta (76%)

Yellow (68%)

Black (14%)



Cyan (14%)

Magenta (79%)


Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.4580, -17.4808, 100.4533 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 104.4580, -17.4808, 100.4533 by changing the saturation by 10% instead.





 104.4580,  
-17.4808, 100.4533


 104.4580,  
-17.4808, 100.4533


255.0000, 0.0000,  
0.0000


 65.3800, -9.0613,  
106.6607


 155.9140,  
-19.1846, 86.8984


 49.6080, -11.6387,  
93.3058


 175.9010,  
-16.2202, 69.3698


 37.4890, -17.9891,  
76.7471


 195.3010,  
-12.9664, 52.3560

 28.1060, -13.8563,  
57.7890

 215.5160, -9.1284,  
34.6275

 20.0760, -8.4185,  
40.2753

 236.3180, -5.5798,  
16.3841

 9.6820, -4.2802,  
19.5729

254.7720, -0.8736,

 0.0000, 0.0000,

0.2000

0.0000

■ 104.4580,  
-17.4808, 100.4533

■ 104.4580,  
-17.4808, 100.4533

■ 89.2640, -19.8502,  
113.7785

■ 119.6520,  
-15.1114, 87.1282

■ 74.0700, -22.2195,  
127.1036

■ 134.8460,  
-12.7421, 73.8031


■ 67.8750, -23.1094,  
132.5366


■ 149.9260,  
-10.8095, 60.5779

■ 165.1200, -8.4402,  
47.2528

■ 180.3140, -6.0708,  
33.9276

■ 194.9210, -3.4121,  
21.1173

 210.1150, -1.0427,  
7.7921

 225.1950, 0.8899,  
-5.4330

 240.3890, 3.2592,  
-18.7582

# Harmonies

## Analogous

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



104.4280, 11.6210, 99.6026



104.4580, -17.4808, 100.4533



108.1890, -53.3372, 74.3792

# Triad

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



104.4580, -17.4808, 100.4533



86.6090, -21.0062, -75.9561



102.3820, 67.3527, -89.7890

# Complementary

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



104.4580, -17.4808, 100.4533



167.5420, 17.4808, -100.4533

# 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.



107.0320, 54.7072, -93.8671



104.4580, -17.4808, 100.4533



96.2530, 5.7913, -84.4139

# Square

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



104.4580, -17.4808, 100.4533



103.5190, -51.0349, -10.9792



103.7940, 32.1466, -91.0273



115.3200, 55.0582, -19.5746



# Rectangle

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



104.4580, -17.4808, 100.4533



111.2690, -54.8556, 47.9991



103.7940, 32.1466, -91.0273



104.9750, 64.5953, -92.0631

# Sweetspot

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



104.4580, -17.4808, 100.4533



214.3250, -6.0762, 35.6720



116.4750, 50.5448, 75.0054



103.1060, -3.9963, 21.8320



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.



104.4580, -17.4808, 100.4533



94.8760, -24.5889, 140.4287



141.3760, -43.5694, 68.0762



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.2100, -5.0335, 27.8798



# Inverse Universe

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



104.4580, -17.4808, 100.4533



94.8760, -24.5889, 140.4287



130.6240, 43.5694, -68.0762



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.2100, -5.0335, 27.8798



# Previews

## White Background



This preview shows how the YUV color 104.4580, -17.4808, 100.4533 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 104.4580, -17.4808, 100.4533 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 104.4580, -17.4808, 100.4533 Background



This preview shows how black text looks on a background with the YUV color 104.4580, -17.4808, 100.4533.



This preview shows how white text looks on a background with the YUV color 104.4580, -17.4808, 100.4533.



# 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

104.4580, -17.4808, 100.4533

### Protanopia

117.6560, -11.6624, 7.3177

### Deuteranopia

116.8250, -28.0147, 25.5865



## Tritanopia

104.2640, -23.3012, 100.6235

# Trichromacy



## Original Color

104.4580, -17.4808, 100.4533

## Protanomaly

112.7080, -13.6600, 41.4751

## Deuteranomaly

112.3260, -24.3177, 53.2111

## Tritanomaly

104.1330, -21.2646, 100.7384

# Monochromacy



## Original Color

104.4580, -17.4808, 100.4533

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

103.9230, -6.3710, 36.9015

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.4580, -17.4808, 100.4533 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(219, 53, 69)` looks like.

```
.text, #text, p{  
    color:rgb(219, 53, 69)  
}
```

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(219, 53, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 53, 69) }
```

## Border

The CSS property to change the border of an element to YUV 104.4580, -17.4808, 100.4533 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(219, 53, 69) }
```



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

```
.border{ border-color:rgb(219, 53, 69) }
```

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

Here you see how a box with a 4 pixel rgb(219, 53, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 53, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 53, 69);  
box-shadow:4px 4px 4px 4px rgb(219, 53,  
69) }
```

# Background

The CSS property to change the background color of an element to YUV 104.4580, -17.4808, 100.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 53, 69) }
```

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

```
.background{ background-color: rgb(219, 53,  
69) }
```

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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