

# Converting Colors

YUV(248.0000, 0.0000, 0.0000)

Have a look what the booklet for  
YUV(248.0000, 0.0000, 0.0000)  
contains.

<b>YUV(248.0000, 0.0000, 0.0000)</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> .....	16
<b><i>Color Blindness Simulation</i></b> .....	20
<b><i>CSS Examples</i></b> .....	23

# Color

**YUV(248.0000, 0.0000,  
0.0000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8F8F8
RGB	248, 248, 248
RGB Percent	97%, 97%, 97%
CMY	0.0275, 0.0275, 0.0275
CMYK	0.00, 0.00, 0.00, 0.03
HSL	0°, 0%, 97%
HSV	0°, 0%, 97%
XYZ	89.2221, 93.8686, 102.2229
YIQ	248.0000, -0.0000, -0.0000

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	248, 248, 248
Decimal	16316664
CIE Lab	97.58, 0.01, -0.01
CIE LCh	98, 0.011, 296.813
Yxy	93.8686, 0.3127, 0.3290
Android (android.graphics.Color)	4294506744 (0xFF8F8F8F)
YUV	248.0000, 0.0000, 0.0000
Hunter-Lab	96.8858, -5.1696, 5.2640

# Details

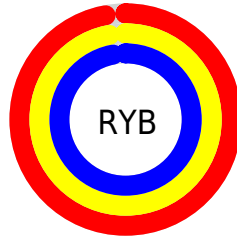
The YUV color `248.0000, 0.0000, 0.0000` is a light color, and the websafe version is hex `FFFFFF`, and the color name is `guyabano`. A complement of this color would be `248.0000, 0.0000, 0.0000`, and the grayscale version is `248.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `192.0000, 0.0000, 0.0000` is the 20% darker color. If you saturate the color by 10%, you get `230.4750, -3.6852, 15.3694`, and if you desaturate by 10%, it is `252.9070, 1.0318, -4.3034`.

# Distribution



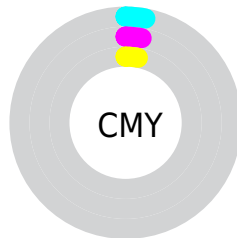
- Red (97%)
- Green (97%)
- Blue (97%)



- Red (97%)
- Yellow (97%)
- Blue (97%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 248.0000, 0.0000, 0.0000 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 248.0000, 0.0000, 0.0000 by changing the saturation by 10% instead.



248.0000, 0.0000,  
0.0000

248.0000, 0.0000,  
0.0000

255.0000, 0.0000,  
0.0000

219.0000, 0.0000,  
0.0000

192.0000, 0.0000,  
0.0000

165.0000, 0.0000,  
0.0000

138.0000, 0.0000,  
0.0000

113.0000, 0.0000,  
0.0000

88.0000, 0.0000,  
0.0000

65.0000, 0.0000,

0.0000

■ 43.0000, 0.0000,  
0.0000

■ 23.0000, 0.0000,  
0.0000

■ 248.0000, 0.0000,  
0.0000

■ 248.0000, 0.0000,  
0.0000

■ 230.4750, -3.6852,  
15.3694

■ 252.9070, 1.0318,  
-4.3034

■ 212.9500, -7.3703,  
30.7389

■ 196.1260,  
-10.9081, 45.4935

■ 178.6010,  
-14.5933, 60.8629

■ 161.0760,  
-18.2785, 76.2323

■ 143.5510,  
-21.9636, 91.6018

■ 126.0260,  
-25.6488, 106.9712

■ 109.2020,  
-29.1866, 121.7258

■ 91.6770, -32.8718,  
137.0953

# Harmonies

# Sweetspot

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



248.0000, 0.0000, 0.0000

255.0000, 0.0000, 0.0000



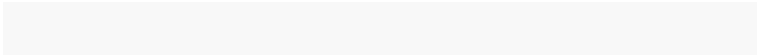
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

# Same Dimension

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



248.0000, 0.0000, 0.0000

255.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

# Inverse Universe

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



248.0000, 0.0000, 0.0000

255.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



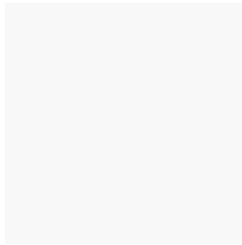
132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

# Previews

## White Background



This preview shows how the YUV color 248.0000, 0.0000, 0.0000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

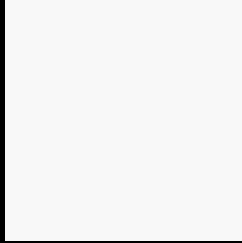
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 248.0000, 0.0000, 0.0000 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 ✓ Pass

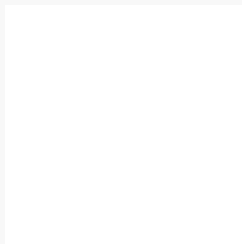
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 248.0000, 0.0000, 0.0000

## Background



This preview shows how black text looks on a background with the YUV color 248.0000, 0.0000, 0.0000.



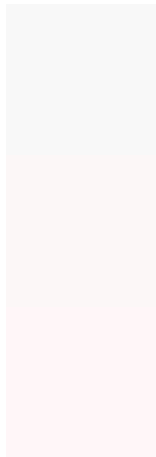
This preview shows how white text looks on a background with the YUV color 248.0000, 0.0000, 0.0000.

0.0000.

# 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

248.0000, 0.0000, 0.0000

### Protanopia

248.4950, -0.7370, 3.0739

### Deuteranopia

248.9190, -0.4531, 5.3330

## **Tritanopia**

248.5100, 3.1996, 0.4297

# Trichromacy

## Original Color

248.0000, 0.0000, 0.0000

## Protanomaly

248.1960, -0.5896, 2.4591

## Deuteranomaly

248.6090, -0.3002, 2.9739

## Tritanomaly

248.1680, 1.8892, 0.7297

# Monochromacy

## Original Color

248.0000, 0.0000, 0.0000

## Achromatopsia

248.0000, 0.0000, 0.0000

## Achromatomaly

248.0000, 0.0000, 0.0000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 248.0000, 0.0000, 0.0000 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(248, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 248)  
}
```

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(248, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 248) }
```

## Border

The CSS property to change the border of an element to YUV 248.0000, 0.0000, 0.0000 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(248, 248, 248) }
```



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

```
.border{ border-color:rgb(248, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 248.0000, 0.0000, 0.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 248) }
```

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

```
.background{ background-color: rgb(248,  
248, 248) }
```

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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