

# Converting Colors

YUV(103.2410, -31.6708,  
125.1996)

Have a look what the booklet for  
YUV(103.2410, -31.6708, 125.1996)  
contains.

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# Color

**YUV(103.2410, -31.6708,  
125.1996)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F62B27                      |
| RGB         | 246, 43, 39                 |
| RGB Percent | 96%, 17%, 15%               |
| CMY         | 0.0353, 0.8314, 0.8471      |
| CMYK        | 0.00, 0.83, 0.84, 0.04      |
| HSL         | 1°, 92%, 56%                |
| HSV         | 1°, 84%, 96%                |
| XYZ         | 39.2361, 21.4671, 3.9950    |
| YIQ         | 103.2410, 122.2720, 41.7920 |

# Conversions

## Conversions Part 2

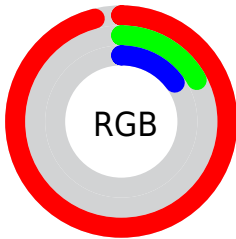
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <a href="#">RYB</a>                 | 246, 43, 39                     |
| Decimal                             | 16132903                        |
| CIELab                              | 53.46, 72.91, 53.29             |
| CIElCh                              | 53, 90.312, 36.165              |
| Yxy                                 | 21.4671, 0.6064,<br>0.3318      |
| Android<br>(android.graphics.Color) | 4294322983<br>(0xFFFF62B27)     |
| YUV                                 | 103.2410, -31.6708,<br>125.1996 |
| Hunter-Lab                          | 46.3326, 70.0784,<br>27.3205    |

# Details

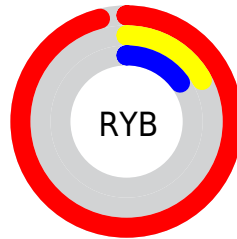
The YUV color **103.2410, -31.6708, 125.1996** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **181.7590, 31.6708, -125.1996**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7330, -31.4204, 91.4422**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **86.3030, -35.6454, 140.0543**, and if you desaturate by 10%, it is **120.1790, -27.6962, 110.3450**.

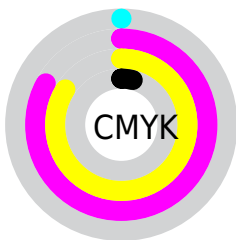
# Distribution



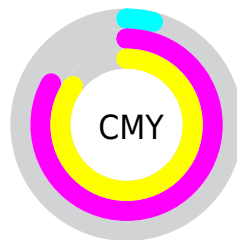
- Red (96%)
- Green (17%)
- Blue (15%)



- Red (96%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (83%)
- Yellow (84%)
- Black (4%)



- Cyan (4%)
- Magenta (83%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.2410, -31.6708, 125.1996 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 103.2410, -31.6708, 125.1996 by changing the saturation by 10% instead.



103.2410,  
-31.6708, 125.1996

103.2410,  
-31.6708, 125.1996

255.0000, 0.0000,  
0.0000

65.3970, -24.8457,  
129.4478

150.7330,  
-31.4204, 91.4422

53.8200, -26.5333,  
110.6599

171.1930,  
-29.1821, 73.4987

43.9530, -21.6688,  
90.3722

191.1800,  
-26.2177, 55.9701

34.3850, -16.9518,  
70.6994

211.8680,  
-23.1059, 37.8268

25.4580, -11.0718,  
51.3413

232.5560,  
-19.9941, 19.6834

16.0750, -6.9390,  
32.3832

251.0100,

1.1960, -0.5896,

-15.2879, 3.4992

2.4591

254.3160, -2.6208,  
0.5999

0.0000, 0.0000,  
0.0000

103.2410,  
-31.6708, 125.1996

103.2410,  
-31.6708, 125.1996

86.3030, -35.6454,  
140.0543

120.1790,  
-27.6962, 110.3450

76.4890, -37.7091,  
148.6611


137.0030,  
-24.1585, 95.5904

153.9410,  
-20.1839, 80.7357


170.7650,  
-16.6461, 65.9811

188.2900,  
-12.9610, 50.6117

 205.2280, -8.9864,  
35.7570

 222.0520, -5.4486,  
21.0024

 238.9900, -1.4741,  
6.1478

 252.3090, 1.3267,  
-5.5330

# Harmonies

## Analogous

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



89.3550, 12.6430, 145.2707



103.2410, -31.6708, 125.1996



118.8100, -58.5733, 73.8346

# Triad

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



103.2410, -31.6708, 125.1996



98.2980, -19.3739, -86.2073



107.7280, 72.6051, -94.4775

# Complementary

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



103.2410, -31.6708, 125.1996



181.7590, 31.6708, -125.1996

# 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.



118.2940, 67.3961, -103.7438



103.2410, -31.6708, 125.1996



109.5210, 16.0121, -96.0499

# Square

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



103.2410, -31.6708, 125.1996



100.9400, -49.7634, -45.5514



118.2990, 49.6456, -103.7482



128.1680, 62.5282, 11.2537



# Rectangle

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



103.2410, -31.6708, 125.1996



120.0630, -59.1911, 38.5327



118.2990, 49.6456, -103.7482



112.4240, 70.2900, -98.5958

# Sweetspot

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



103.2410, -31.6708, 125.1996



210.7230, -9.7234, 38.8309



124.1490, 58.5935, 106.8633



101.2480, -6.0383, 23.4615



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.



103.2410, -31.6708, 125.1996



79.1800, -39.0357, 154.1941



163.7020, -61.4781, 72.1753



113.5880, -1.7689, 7.3773



57.9620, -28.5753, 112.2893



18.2280, -8.9864, 35.7570



# Inverse Universe

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



181.7590, 31.6708, -125.1996



175.8200, 39.0357, -154.1941



121.2980, 61.4781, -72.1753



118.4120, 1.7689, -7.3773



128.6250, 28.2859, -112.8041



40.7720, 8.9864, -35.7570



# Previews

## White Background



This preview shows how the YUV color 103.2410, -31.6708, 125.1996 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 103.2410, -31.6708, 125.1996 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 103.2410, -31.6708, 125.1996 Background



This preview shows how black text looks on a background with the YUV color 103.2410, -31.6708, 125.1996.



This preview shows how white text looks on a background with the YUV color 103.2410, -31.6708, 125.1996.



# 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

103.2410, -31.6708, 125.1996

### Protanopia

124.4340, -31.7660, 15.4054

### Deuteranopia

120.9640, -55.6913, 35.9886



## Tritanopia

103.4690, -30.7972, 124.9997

# Trichromacy



## Original Color

103.2410, -31.6708, 125.1996

## Protanomaly

116.6870, -31.8907, 55.5255

## Deuteranomaly

114.4640, -47.0638, 68.8761

## Tritanomaly

103.3550, -31.2340, 125.0997

# Monochromacy



## Original Color

103.2410, -31.6708, 125.1996

## Achromatopsia

103.0000, 0.0000, 0.0000

## Achromatomaly

103.0120, -11.3449, 45.5935

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.2410, -31.6708, 125.1996 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(246, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(246, 43, 39)  
}
```

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(246, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 43, 39) }
```

## Border

The CSS property to change the border of an element to YUV 103.2410, -31.6708, 125.1996 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(246, 43, 39) }
```



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

```
.border{ border-color:rgb(246, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 43, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 43, 39);  
box-shadow:4px 4px 4px 4px rgb(246, 43,  
39) }
```

# Background

The CSS property to change the background color of an element to YUV 103.2410, -31.6708, 125.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 43, 39) }
```

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

```
.background{ background-color: rgb(246, 43,  
39) }
```

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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