

# Converting Colors

YUV(82.9580, -25.6153,  
142.9878)

Have a look what the booklet for  
YUV(82.9580, -25.6153, 142.9878)  
contains.

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# Color

**YUV(82.9580, -25.6153,  
142.9878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F60A1F
RGB	246, 10, 31
RGB Percent	96%, 4%, 12%
CMY	0.0353, 0.9608, 0.8784
CMYK	0.00, 0.96, 0.87, 0.04
HSL	355°, 93%, 50%
HSV	355°, 96%, 96%
XYZ	38.3619, 19.9088, 3.1172
YIQ	82.9580, 133.9150, 56.5630

# Conversions

## Conversions Part 2

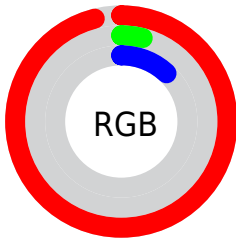
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 10, 31
Decimal	16124447
CIE Lab	51.73, 77.55, 55.60
CIE LCh	52, 95.423, 35.638
Yxy	19.9088, 0.6249, 0.3243
Android (android.graphics.Color)	4294314527 (0xFFFF60A1F)
YUV	82.9580, -25.6153, 142.9878
Hunter-Lab	44.6193, 75.3833, 27.0914

# Details

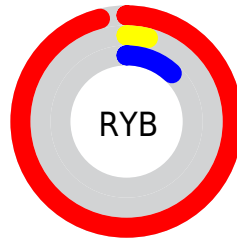
The YUV color **82.9580, -25.6153, 142.9878** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **173.0420, 25.6153, -142.9878**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1900, -31.1527, 98.9344**, and **53.5210, -26.3859, 110.0451** is the 20% darker color. If you saturate the color by 10%, you get **76.0620, -26.6526, 149.0356**, and if you desaturate by 10%, it is **100.1410, -23.2405, 127.9183**.

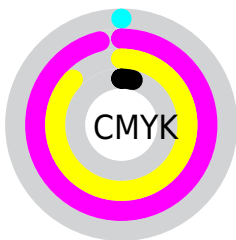
# Distribution



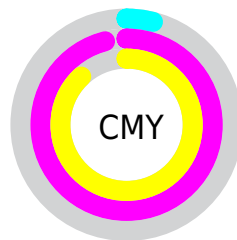
- Red (96%)
- Green (4%)
- Blue (12%)



- Red (96%)
- Yellow (4%)
- Blue (12%)



- Cyan (0%)
- Magenta (96%)
- Yellow (87%)
- Black (4%)




- Cyan (4%)
- Magenta (96%)
- Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 82.9580, -25.6153, 142.9878 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 82.9580, -25.6153, 142.9878 by changing the saturation by 10% instead.





 82.9580, -25.6153,  
142.9878


 82.9580, -25.6153,  
142.9878


255.0000, 0.0000,  
0.0000

 64.0720, -28.6295,  
129.7329


 142.1900,  
-31.1527, 98.9344

 53.5210, -26.3859,  
110.0451


 163.2370,  
-29.2038, 80.4762


 43.6540, -21.5214,  
89.7574


 183.6970,  
-26.9656, 62.5327

 34.2000, -16.3676,  
69.9846

 204.3850,  
-23.8538, 44.3894

 25.2730, -10.4876,  
50.6266

 225.0730,  
-20.7420, 26.2460

 15.4770, -6.6442,  
31.1537


 246.4620,


 0.0000, 0.0000,


-17.4828, 7.4878


0.0000


 253.2900, -6.5520,  
1.4997

 82.9580, -25.6153,  
142.9878

 82.9580, -25.6153,  
142.9878

 76.0620, -26.6526,  
149.0356

 100.1410,  
-23.2405, 127.9183

 116.8510,  
-20.1395, 113.2637

 134.0340,  
-17.7648, 98.1942

 150.7440,  
-14.6638, 83.5395

 167.9270,  
-12.2890, 68.4700

■ 185.1100, -9.9142,  
53.4005

■ 201.8200, -6.8133,  
38.7459

■ 219.0030, -4.4385,  
23.6764

■ 235.7130, -1.3375,  
9.0217

# Harmonies

## Analogous

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



89.0130, 11.3326, 145.5706



82.9580, -25.6153, 142.9878



113.8150, -56.1108, 77.3382

# Triad

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



82.9580, -25.6153, 142.9878



94.6960, -23.0211, -83.0484



105.9670, 73.4733, -92.9331

# Complementary

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



82.9580, -25.6153, 142.9878



173.0420, 25.6153, -142.9878

# 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.



116.5330, 68.2642, -102.1994



82.9580, -25.6153, 142.9878



106.6030, 14.9857, -93.4908

# Square

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



82.9580, -25.6153, 142.9878



93.8080, -46.2473, -53.3286



115.8370, 50.3664, -101.5890



121.9550, 65.5912, 8.8095



# Rectangle

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



82.9580, -25.6153, 142.9878



116.2310, -57.3019, 39.2624



115.8370, 50.3664, -101.5890



110.6630, 71.1581, -97.0515

# Sweetspot

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



82.9580, -25.6153, 142.9878



203.9240, -7.8505, 44.7937



100.2920, 71.8340, 106.7379



96.9110, -4.8861, 27.2651



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.



82.9580, -25.6153, 142.9878



78.8670, -27.5424, 154.4686



135.7420, -61.9908, 96.6963



113.7020, -1.3321, 7.2773



57.5520, -19.9921, 112.6489



18.2110, -6.5130, 35.7720



# Inverse Universe

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



82.9580, -25.6153, 142.9878



78.8670, -27.5424, 154.4686



120.2580, 61.9908, -96.6963



113.7020, -1.3321, 7.2773



57.5520, -19.9921, 112.6489



18.2110, -6.5130, 35.7720



# Previews

## White Background



This preview shows how the YUV color 82.9580, -25.6153, 142.9878 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



## 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 82.9580, -25.6153, 142.9878

## Background



This preview shows how black text looks on a background with the YUV color 82.9580, -25.6153, 142.9878.



This preview shows how white text looks on a background with the YUV color 82.9580, -25.6153,



# 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

82.9580, -25.6153, 142.9878

### Protanopia

120.6790, -33.3657, 15.1905

### Deuteranopia

116.2090, -57.2910, 35.7737



## Tritanopia

86.1690, -42.4813, 139.2948

# Trichromacy



## Original Color

82.9580, -25.6153, 142.9878

## Protanomaly

106.7740, -30.4546, 61.5882

## Deuteranomaly

104.1380, -45.9170, 74.4240

## Tritanomaly

85.0750, -36.5190, 140.2542

# Monochromacy



## Original Color

82.9580, -25.6153, 142.9878

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.6260, -9.1826, 52.0710

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.9580, -25.6153, 142.9878 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, 10, 31)` looks like.

```
.text, #text, p{  
    color:rgb(246, 10, 31)  
}
```

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, 10, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 10, 31) }
```

## Border

The CSS property to change the border of an element to YUV 82.9580, -25.6153, 142.9878 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, 10, 31) }
```



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

```
.border{ border-color:rgb(246, 10, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 10, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 10, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 10, 31);  
box-shadow:4px 4px 4px 4px rgb(246, 10,  
31) }
```

# Background

The CSS property to change the background color of an element to YUV 82.9580, -25.6153, 142.9878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 10, 31) }
```

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

```
.background{ background-color: rgb(246, 10,  
31) }
```

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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