

Converting Colors

YUV(123.3780, -26.3154,
87.3685)

Have a look what the booklet for
YUV(123.3780, -26.3154, 87.3685)
contains.

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Color

**YUV(123.3780, -26.3154,
87.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	DF5346
RGB	223, 83, 70
RGB Percent	87%, 33%, 27%
CMY	0.1255, 0.6745, 0.7255
CMYK	0.00, 0.63, 0.69, 0.13
HSL	5°, 71%, 57%
HSV	5°, 69%, 87%
XYZ	34.6302, 22.3167, 8.2767
YIQ	123.3780, 87.6130, 25.6370

Conversions

Conversions Part 2

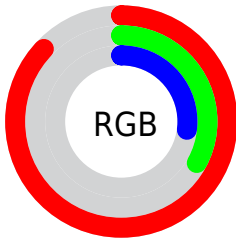
Format	Color
R_{YB}	223, 84, 70
Decimal	14635846
CIE _{Lab}	54.36, 53.83, 36.59
CIE _{LCh}	54, 65.092, 34.204
Yxy	22.3167, 0.5309, 0.3422
Android (android.graphics.Color)	4292825926 (0xFFDF5346)
YUV	123.3780, -26.3154, 87.3685
Hunter-Lab	47.2405, 48.1804, 22.6806

Details

The YUV color **123.3780, -26.3154, 87.3685** 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 **169.6220, 26.3154, -87.3685**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8170, -25.5458, 73.8285**, and **63.3160, -18.8898, 85.6689** is the 20% darker color. If you saturate the color by 10%, you get **109.1300, -30.1371, 99.8640**, and if you desaturate by 10%, it is **137.6260, -22.4936, 74.8730**.

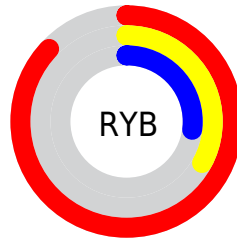
Distribution



Red (87%)

Green (33%)

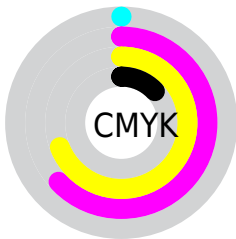
Blue (27%)



Red (87%)

Yellow (33%)

Blue (27%)

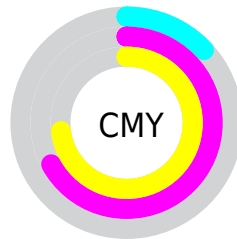


Cyan (0%)

Magenta (63%)

Yellow (69%)

Black (13%)



Cyan (13%)


Magenta (67%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.3780, -26.3154, 87.3685 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 123.3780, -26.3154, 87.3685 by changing the saturation by 10% instead.


 123.3780,
-26.3154, 87.3685


 123.3780,
-26.3154, 87.3685


255.0000, 0.0000,
0.0000


 95.0510, -23.6891,
85.0243


 170.8170,
-25.5458, 73.8285

 63.3160, -18.8898,
85.6689


 190.2170,
-22.2920, 56.8147


 38.9840, -18.7261,
79.8210


 209.6170,
-19.0382, 39.8009

 29.9000, -14.7407,
61.4777

 229.8320,
-15.2002, 22.0723

 21.3430, -10.0291,
43.5492

 250.6340,
-11.6516, 3.8290

 12.6720, -5.7543,
25.7207

 0.0000, 0.0000,

0.0000

■ 123.3780,
-26.3154, 87.3685

■ 123.3780,
-26.3154, 87.3685

■ 109.1300,
-30.1371, 99.8640

■ 137.6260,
-22.4936, 74.8730

■ 94.1810, -34.1062,
112.9743

■ 152.5750,
-18.5245, 61.7627

■ 79.9330, -37.9280,
125.4698

■ 166.8230,
-14.7027, 49.2672

■ 77.8300, -38.3702,
127.3141

■ 181.6580,
-11.1704, 36.2569

■ 196.0200, -6.9119,
23.6615

■ 210.2680, -3.0901,
11.1660

■ 225.1030, 0.4422,
-1.8443

■ 239.3510, 4.2640,
-14.3398

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



122.9250, 1.0230, 92.1508



123.3780, -26.3154, 87.3685



123.3400, -52.4256, 61.9688

Triad

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



123.3780, -26.3154, 87.3685



98.1160, -9.9172, -86.0477



106.3600, 67.3635, -93.2777

Complementary

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



123.3780, -26.3154, 87.3685



169.6220, 26.3154, -87.3685

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.



113.7970, 57.7811, -99.8000



123.3780, -26.3154, 87.3685



107.1900, 14.6963, -94.0056

Square

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



123.3780, -26.3154, 87.3685



113.9030, -46.7872, -20.0859



112.8730, 39.0096, -98.9896



132.2540, 45.2308, 5.9162

Rectangle

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



123.3780, -26.3154, 87.3685



122.1230, -60.2066, 37.6031



112.8730, 39.0096, -98.9896



109.8820, 65.6272, -96.3665

Sweetspot

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



123.3780, -26.3154, 87.3685



220.0810, -9.4069, 30.6240



131.7070, 38.5984, 80.0640



106.7420, -5.2958, 18.6433



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.



123.3780, -26.3154, 87.3685



119.0570, -36.0171, 119.2220



167.9900, -48.3091, 48.2438



104.8760, -1.9109, 6.2477



61.4290, -30.2845, 100.4788



16.7000, -8.2331, 27.4501

Inverse Universe

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



169.6220, 26.3154, -87.3685



181.9430, 36.0171, -119.2220



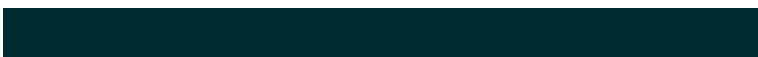
125.0100, 48.3091, -48.2438



108.1240, 1.9109, -6.2477



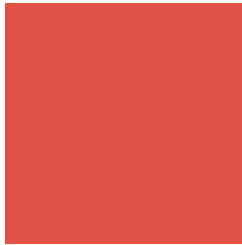
114.5710, 30.2845, -100.4788



31.3000, 8.2331, -27.4501

Previews

White Background



This preview shows how the YUV color 123.3780, -26.3154, 87.3685 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 123.3780, -26.3154, 87.3685 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 123.3780, -26.3154, 87.3685

Background



This preview shows how black text looks on a background with the YUV color 123.3780, -26.3154, 87.3685.



This preview shows how white text looks on a background with the YUV color 123.3780, -26.3154,

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

123.3780, -26.3154, 87.3685

Protanopia

128.6860, -20.5512, 11.6764

Deuteranopia

127.9950, -32.5355, 28.9454



Tritanopia

124.3270, -18.8952, 87.4132

Trichromacy



Original Color

123.3780, -26.3154, 87.3685

Protanomaly

126.6940, -22.5271, 38.8564

Deuteranomaly

126.4090, -30.2746, 50.5073

Tritanomaly

124.2300, -21.8054, 87.4983

Monochromacy



Original Color

123.3780, -26.3154, 87.3685

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7930, -9.2649, 31.7535

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3780, -26.3154, 87.3685 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(223, 83, 70)` looks like.

```
.text, #text, p{  
    color:rgb(223, 83, 70)  
}
```

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(223, 83, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 83, 70) }
```

Border

The CSS property to change the border of an element to YUV 123.3780, -26.3154, 87.3685 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(223, 83, 70) }
```


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

```
.border{ border-color:rgb(223, 83, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 83, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 83, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 83, 70);  
box-shadow:4px 4px 4px 4px rgb(223, 83,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 123.3780, -26.3154, 87.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 83, 70) }
```

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

```
.background{ background-color: rgb(223, 83,  
70) }
```

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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