

# Converting Colors

YUV(125.7600, -25.5177,  
111.5895)

Have a look what the booklet for  
YUV(125.7600, -25.5177, 111.5895)  
contains.

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# Color

**YUV(125.7600, -25.5177,  
111.5895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD474A
RGB	253, 71, 74
RGB Percent	99%, 28%, 29%
CMY	0.0078, 0.7216, 0.7098
CMYK	0.00, 0.72, 0.71, 0.01
HSL	359°, 98%, 64%
HSV	359°, 72%, 99%
XYZ	43.9973, 25.8835, 9.1557
YIQ	125.7600, 107.5090, 39.5170

# Conversions

## Conversions Part 2

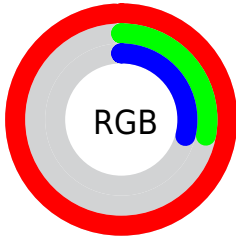
Format	Color
<a href="#">RYB</a>	<a href="#">253, 71, 74</a>
Decimal	<a href="#">16598858</a>
CIELab	<a href="#">57.93, 68.13, 39.84</a>
CIElCh	<a href="#">58, 78.926, 30.315</a>
Yxy	<a href="#">25.8835, 0.5567, 0.3275</a>
Android (android.graphics.Color)	<a href="#">4294788938</a> (0xFFFD474A)
YUV	<a href="#">125.7600, -25.5177, 111.5895</a>
Hunter-Lab	<a href="#">50.8759, 65.3335, 24.9432</a>

# Details

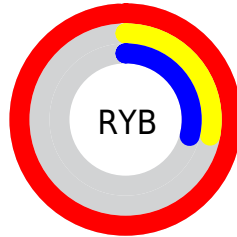
The YUV color **125.7600, -25.5177, 111.5895** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **198.2400, 25.5177, -111.5895**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1640, -21.7729, 77.0322**, and **59.5180, -15.0454, 112.6787** is the 20% darker color. If you saturate the color by 10%, you get **108.2350, -29.2029, 126.9589**, and if you desaturate by 10%, it is **143.2850, -21.8325, 96.2201**.

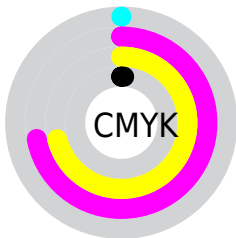
# Distribution



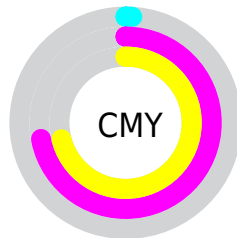
- Red (99%)
- Green (28%)
- Blue (29%)



- Red (99%)
- Yellow (28%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (1%)




- Cyan (1%)
- Magenta (72%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 125.7600, -25.5177, 111.5895 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 125.7600, -25.5177, 111.5895 by changing the saturation by 10% instead.





 125.7600,  
-25.5177, 111.5895


 125.7600,  
-25.5177, 111.5895


255.0000, 0.0000,  
0.0000


 92.1390, -20.2815,  
112.1341


 167.1640,  
-21.7729, 77.0322


 59.5180, -15.0454,  
112.6787


 187.1510,  
-18.8084, 59.5036

 47.5560, -19.5011,  
95.1054


 207.2520,  
-15.4072, 41.8750

 37.3750, -18.4259,  
76.8471

 227.9400,  
-12.2954, 23.7316

 27.9210, -13.2721,  
57.0743

 248.8560, -8.3100,  
5.3883

 19.4780, -8.1237,  
39.0458

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,  
0.0000

■ 125.7600,  
-25.5177, 111.5895

■ 125.7600,  
-25.5177, 111.5895

■ 108.2350,  
-29.2029, 126.9589

■ 143.2850,  
-21.8325, 96.2201

■ 90.1230, -32.5986,  
142.8431


■ 161.3970,  
-18.4367, 80.3358

■ 76.1030, -35.5468,  
155.1387

■ 178.9220,  
-14.7515, 64.9664

■ 196.4470,  
-11.0664, 49.5970

■ 214.4450, -8.1074,  
33.8127

 231.9700, -4.4222,  
18.4433

 249.4950, -0.7370,  
3.0739

254.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



122.9570, 9.3882, 115.8017



125.7600, -25.5177, 111.5895



129.1760, -63.6838, 79.6526

# Triad

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



125.7600, -25.5177, 111.5895



104.2650, -19.3576, -91.4404



115.9460, 68.5536, -101.6846

# Complementary

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



125.7600, -25.5177, 111.5895



198.2400, 25.5177, -111.5895

# 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.



124.7510, 64.2128, -109.4066



125.7600, -25.5177, 111.5895



114.9350, 11.3710, -100.7980

# Square

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



125.7600, -25.5177, 111.5895



120.2870, -59.3015, -19.5457



122.9150, 41.9469, -107.7965



138.9780, 57.1988, -6.1197



# Rectangle

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



125.7600, -25.5177, 111.5895



131.0490, -64.6072, 49.0690



122.9150, 41.9469, -107.7965



119.4680, 66.8173, -104.7734

# Sweetspot

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



125.7600, -25.5177, 111.5895



215.8580, -7.8180, 34.3275



145.2690, 53.1114, 91.8491



104.2800, -4.5750, 20.8024



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.



125.7600, -25.5177, 111.5895



101.8230, -30.9717, 134.3362



177.0740, -52.2945, 66.5871



118.8870, -1.9163, 7.9921



57.4510, -26.8443, 117.1225



19.2500, -8.9972, 39.2458



# Inverse Universe

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



125.7600, -25.5177, 111.5895



101.8230, -30.9717, 134.3362



146.9260, 52.2945, -66.5871



118.8870, -1.9163, 7.9921



57.4510, -26.8443, 117.1225



19.2500, -8.9972, 39.2458



# Previews

## White Background



This preview shows how the YUV color 125.7600, -25.5177, 111.5895 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

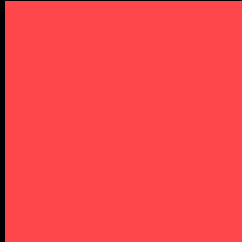
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 125.7600, -25.5177, 111.5895 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 125.7600, -25.5177, 111.5895 Background



This preview shows how black text looks on a background with the YUV color 125.7600, -25.5177, 111.5895.



This preview shows how white text looks on a background with the YUV color 125.7600, -25.5177, 111.5895.



# 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

125.7600, -25.5177, 111.5895

### Protanopia

137.6150, -19.5302, 10.8616

### Deuteranopia

136.9800, -36.4721, 31.5895



## Tritanopia

125.7600, -25.5177, 111.5895

# Trichromacy



## Original Color

125.7600, -25.5177, 111.5895

## Protanomaly

132.9770, -21.6807, 47.3782

## Deuteranomaly

132.6060, -32.3438, 60.8585

## Tritanomaly

125.7600, -25.5177, 111.5895

# Monochromacy



## Original Color

125.7600, -25.5177, 111.5895

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.8480, -9.2921, 40.4753

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.7600, -25.5177, 111.5895 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(253, 71, 74)` looks like.

```
.text, #text, p{  
    color:rgb(253, 71, 74)  
}
```

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(253, 71, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 71, 74) }
```

## Border

The CSS property to change the border of an element to YUV 125.7600, -25.5177, 111.5895 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(253, 71, 74) }
```



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

```
.border{ border-color:rgb(253, 71, 74) }
```

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

Here you see how a box with a 4 pixel rgb(253, 71, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 71, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 71, 74);  
box-shadow:4px 4px 4px 4px rgb(253, 71,  
74) }
```

# Background

The CSS property to change the background color of an element to YUV 125.7600, -25.5177, 111.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 71, 74) }
```

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

```
.background{ background-color: rgb(253, 71,  
74) }
```

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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