

# Converting Colors

YUV(75.3630, -19.8990,  
129.4776)

Have a look what the booklet for  
YUV(75.3630, -19.8990, 129.4776)  
contains.

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# Color

**YUV(75.3630, -19.8990,  
129.4776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF0823
RGB	223, 8, 35
RGB Percent	87%, 3%, 14%
CMY	0.1255, 0.9686, 0.8627
CMYK	0.00, 0.96, 0.84, 0.13
HSL	352°, 93%, 45%
HSV	352°, 96%, 87%
XYZ	30.8216, 15.9830, 3.0507
YIQ	75.3630, 119.4730, 53.9770

# Conversions

## Conversions Part 2

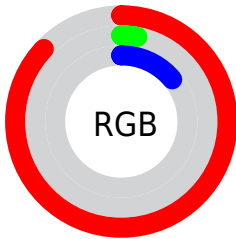
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 8, 35
Decimal	14616611
CIE Lab	46.95, 72.17, 47.79
CIE LCh	47, 86.558, 33.515
Yxy	15.9830, 0.6182, 0.3206
Android (android.graphics.Color)	4292806691 (0xFFDF0823)
YUV	75.3630, -19.8990, 129.4776
Hunter-Lab	39.9787, 67.6519, 23.4609

# Details

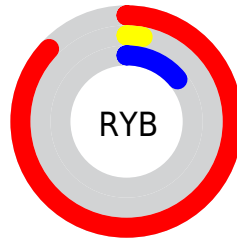
The YUV color **75.3630, -19.8990, 129.4776** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **155.6370, 19.8990, -129.4776**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4830, -28.8321, 101.3084**, and **47.2420, -23.2903, 97.1348** is the 20% darker color. If you saturate the color by 10%, you get **69.8690, -20.6414, 134.2959**, and if you desaturate by 10%, it is **90.4430, -17.9664, 116.2525**.

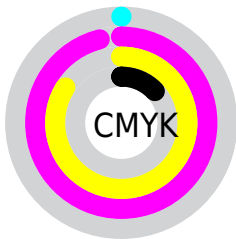
# Distribution



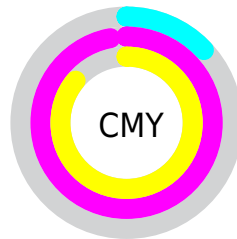
- Red (87%)
- Green (3%)
- Blue (14%)



- Red (87%)
- Yellow (3%)
- Blue (14%)



- Cyan (0%)
- Magenta (96%)
- Yellow (84%)
- Black (13%)



- Cyan (13%)
- Magenta (97%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.3630, -19.8990, 129.4776 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 75.3630, -19.8990, 129.4776 by changing the saturation by 10% instead.



■ 75.3630, -19.8990,  
129.4776

■ 75.3630, -19.8990,  
129.4776

255.0000, 0.0000,  
0.0000

■ 58.2920, -22.3290,  
115.5079

■ 139.4830,  
-28.8321, 101.3084

■ 47.2420, -23.2903,  
97.1348

■ 159.9430,  
-26.5939, 83.3650

■ 37.6740, -18.5733,  
77.4619

■ 180.5170,  
-23.9189, 65.3216

■ 28.3340, -12.9827,  
57.5891

■ 200.5040,  
-20.9545, 47.7930

■ 19.4780, -8.1237,  
39.0458

■ 221.1920,  
-17.8427, 29.6496

■ 8.7850, -3.8380,  
17.7286

■ 241.9940,

■ 0.0000, 0.0000,

-14.2940, 11.4063

0.0000

253.5180, -5.6784,  
1.2997

75.3630, -19.8990,  
129.4776

75.3630, -19.8990,  
129.4776

69.8690, -20.6414,  
134.2959

90.4430, -17.9664,  
116.2525

106.2240,  
-15.8864, 102.4126

121.3040,  
-13.9539, 89.1874

136.4980,  
-11.5845, 75.8623

152.1650, -9.9413,  
62.1223

■ 167.3590, -7.5720,  
48.7972

■ 182.4390, -5.6394,  
35.5720

■ 197.6330, -3.2701,  
22.2469

■ 213.3000, -1.6269,  
8.5069

# Harmonies

## Analogous

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



81.4520, 12.1022, 132.0306



75.3630, -19.8990, 129.4776



102.2750, -50.4216, 72.5498

# Triad

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



75.3630, -19.8990, 129.4776



84.1640, -22.7589, -73.8118



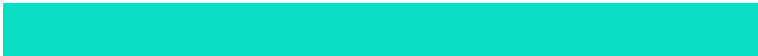
98.9230, 76.9460, -86.7555

# Complementary

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



75.3630, -19.8990, 129.4776



155.6370, 19.8990, -129.4776

# 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.



106.9470, 67.0741, -93.7925



75.3630, -19.8990, 129.4776



95.6320, 11.0274, -83.8693

# Square

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



75.3630, -19.8990, 129.4776



89.1780, -43.9648, -38.7441



103.9540, 42.9137, -91.1677



110.1620, 61.5451, -0.1421



# Rectangle

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



75.3630, -19.8990, 129.4776



105.0120, -51.7709, 38.5775



103.9540, 42.9137, -91.1677



103.0320, 74.9202, -90.3591

# Sweetspot

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



75.3630, -19.8990, 129.4776



204.1520, -6.9769, 44.5937



88.1240, 66.4939, 92.8533



97.0250, -4.4493, 27.1651



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.



75.3630, -19.8990, 129.4776



79.8930, -23.6112, 153.5688



118.6580, -54.5544, 91.5079



104.4030, -1.1847, 6.6626



55.1320, -16.3341, 106.0012



15.0360, -4.4547, 28.9094



# Inverse Universe

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



75.3630, -19.8990, 129.4776



79.8930, -23.6112, 153.5688



112.3420, 54.5544, -91.5079



104.4030, -1.1847, 6.6626



55.1320, -16.3341, 106.0012



15.0360, -4.4547, 28.9094



# Previews

## White Background



This preview shows how the YUV color 75.3630, -19.8990, 129.4776 looks on a white 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



# Black Background



This preview shows how the YUV color 75.3630, -19.8990, 129.4776 looks on a black 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

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

# YUV 75.3630, -19.8990, 129.4776

## Background



This preview shows how black text looks on a background with the YUV color 75.3630, -19.8990, 129.4776.



This preview shows how white text looks on a background with the YUV color 75.3630, -19.8990,



# 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

75.3630, -19.8990, 129.4776

### Protanopia

110.2040, -26.2296, 12.9761

### Deuteranopia

105.5660, -52.0440, 32.8296



## Tritanopia

78.1180, -38.5122, 126.1845

# Trichromacy



## Original Color

75.3630, -19.8990, 129.4776

## Protanomaly

97.7500, -24.0337, 55.4703

## Deuteranomaly

94.5870, -40.2224, 67.8912

## Tritanomaly

77.2520, -31.6762, 126.9440

# Monochromacy



## Original Color

75.3630, -19.8990, 129.4776

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

75.3480, -7.5666, 47.0528

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.3630, -19.8990, 129.4776 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, 8, 35)` looks like.

```
.text, #text, p{  
    color:rgb(223, 8, 35)  
}
```

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, 8, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 8, 35) }
```

## Border

The CSS property to change the border of an element to YUV 75.3630, -19.8990, 129.4776 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, 8, 35) }
```



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

```
.border{ border-color:rgb(223, 8, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 8, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 8, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 8, 35);  
box-shadow:4px 4px 4px 4px rgb(223, 8, 35)  
}
```

# Background

The CSS property to change the background color of an element to YUV 75.3630, -19.8990, 129.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 8, 35) }
```

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

```
.background{ background-color: rgb(223, 8,  
35) }
```

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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