

# Converting Colors

YUV(122.2830, -11.9715,  
106.7458)

Have a look what the booklet for  
YUV(122.2830, -11.9715, 106.7458)  
contains.

<b>YUV(122.2830, -11.9715, 106.7458)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(122.2830, -11.9715,  
106.7458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F44162
RGB	244, 65, 98
RGB Percent	96%, 25%, 38%
CMY	0.0431, 0.7451, 0.6157
CMYK	0.00, 0.73, 0.60, 0.04
HSL	349°, 89%, 61%
HSV	349°, 73%, 96%
XYZ	41.4031, 23.8955, 13.9854
YIQ	122.2830, 96.0910, 48.2110

# Conversions

## Conversions Part 2

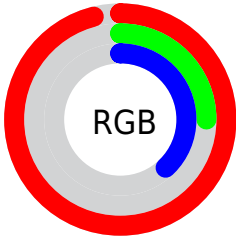
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 65, 98
Decimal	16007522
CIE <sub>Lab</sub>	55.98, 68.75, 23.20
CIE <sub>LCh</sub>	56, 72.562, 18.645
Yxy	23.8955, 0.5222, 0.3014
Android (android.graphics.Color)	4294197602 (0xFFFF44162)
YUV	122.2830, -11.9715, 106.7458
Hunter-Lab	48.8831, 65.6412, 17.2553

# Details

The YUV color **122.2830, -11.9715, 106.7458** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **186.7170, 11.9715, -106.7458**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0790, -9.4059, 77.1067**, and **60.0470, -3.9672, 106.0758** is the 20% darker color. If you saturate the color by 10%, you get **105.9150, -13.7621, 121.1005**, and if you desaturate by 10%, it is **138.6510, -10.1809, 92.3911**.

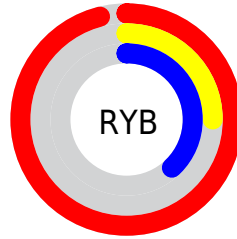
# Distribution



Red (96%)

Green (25%)

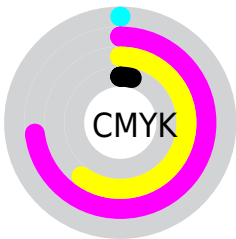
Blue (38%)



Red (96%)

Yellow (25%)

Blue (38%)

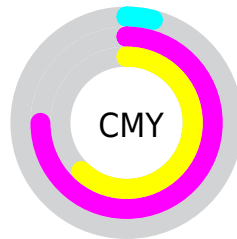


Cyan (0%)

Magenta (73%)

Yellow (60%)

Black (4%)



Cyan (4%)

Magenta (75%)


Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 122.2830, -11.9715, 106.7458 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 122.2830, -11.9715, 106.7458 by changing the saturation by 10% instead.




 122.2830,  
-11.9715, 106.7458


 122.2830,  
-11.9715, 106.7458


255.0000, 0.0000,  
0.0000


 87.0860, -6.4514,  
109.5496


 167.0790, -9.4059,  
77.1067

 60.0470, -3.9672,  
106.0758


 187.1800, -6.0047,  
59.4781

 48.0850, -8.4229,  
88.5025


 207.2810, -2.6035,  
41.8496

 36.6070, -13.6103,  
72.2587

 228.0830, 0.9451,  
23.6062

 26.5400, -12.0982,  
53.9004

 248.5430, 3.1833,  
5.6628

 17.5700, -7.6760,  
35.4571

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,  
0.0000

■ 122.2830,  
-11.9715, 106.7458

■ 122.2830,  
-11.9715, 106.7458

■ 105.9150,  
-13.7621, 121.1005

■ 138.6510,  
-10.1809, 92.3911

■ 88.9600, -15.2633,  
135.9701

■ 155.6060, -8.6798,  
77.5215

■ 78.0860, -16.3114,  
145.5066

■ 171.9740, -6.8892,  
63.1668

■ 188.9290, -5.3880,  
48.2973

■ 205.2970, -3.5974,  
33.9425

■ 221.5510, -2.2436,  
19.6878

■ 238.5060, -0.7425,  
4.8182

■ 251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



127.0620, 16.7314, 93.7846



122.2830, -11.9715, 106.7458



126.4860, -43.6236, 85.5198

# Triad

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



122.2830, -11.9715, 106.7458



105.5260, -31.8113, -63.6053



116.5330, 68.2642, -102.1994

# Complementary

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



122.2830, -11.9715, 106.7458



186.7170, 11.9715, -106.7458

# 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.



119.3250, 53.5768, -104.6480



122.2830, -11.9715, 106.7458



106.7050, 0.1454, -93.5803

# Square

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



122.2830, -11.9715, 106.7458



121.3160, -59.8088, 3.2309



114.8160, 28.6847, -100.6936



124.8370, 64.1704, -48.9690



# Rectangle

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



122.2830, -11.9715, 106.7458



125.8210, -62.0298, 62.4240



114.8160, 28.6847, -100.6936



118.5390, 65.7963, -103.9587

# Sweetspot

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



122.2830, -11.9715, 106.7458



216.8840, -3.8868, 33.4277



128.1630, 57.1076, 70.0170



104.8500, -2.3910, 20.3026



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.



122.2830, -11.9715, 106.7458



102.6500, -15.1104, 133.6110



150.2190, -42.0130, 82.2459



113.8160, -0.8953, 7.1774



59.4900, -12.5666, 110.9493



18.8950, -3.8922, 35.1721



# Inverse Universe

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



122.2830, -11.9715, 106.7458



102.6500, -15.1104, 133.6110



158.7810, 42.0130, -82.2459



113.8160, -0.8953, 7.1774



59.4900, -12.5666, 110.9493



18.8950, -3.8922, 35.1721



# Previews

## White Background



This preview shows how the YUV color 122.2830, -11.9715, 106.7458 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

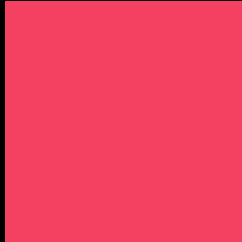
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 122.2830, -11.9715, 106.7458 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 122.2830, -11.9715, 106.7458 Background



This preview shows how black text looks on a background with the YUV color 122.2830, -11.9715, 106.7458.



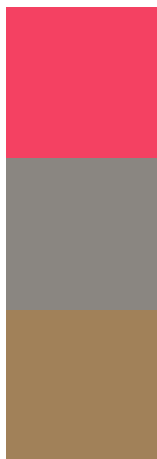
This preview shows how white text looks on a background with the YUV color 122.2830, -11.9715, 106.7458.



# 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

122.2830, -11.9715, 106.7458

### Protanopia

134.6260, -2.7736, 2.9590

### Deuteranopia

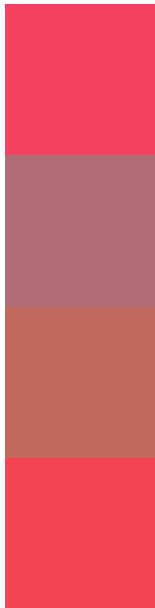
134.0080, -22.1889, 23.6720



## Tritanopia

122.0690, -24.1910, 106.0565

# Trichromacy



## Original Color

122.2830, -11.9715, 106.7458

## Protanomaly

130.3580, -6.0925, 40.9050

## Deuteranomaly

129.8190, -18.6448, 53.6557

## Tritanomaly

121.9210, -19.6811, 106.1863

# Monochromacy



## Original Color

122.2830, -11.9715, 106.7458

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.8030, -4.3399, 38.7608

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.2830, -11.9715, 106.7458 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(244, 65, 98)` looks like.

```
.text, #text, p{  
    color:rgb(244, 65, 98)  
}
```

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(244, 65, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 65, 98) }
```

## Border

The CSS property to change the border of an element to YUV 122.2830, -11.9715, 106.7458 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(244, 65, 98) }
```



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

```
.border{ border-color:rgb(244, 65, 98) }
```

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

Here you see how a box with a 4 pixel rgb(244, 65, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 65, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 65, 98);  
box-shadow:4px 4px 4px 4px rgb(244, 65,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 122.2830, -11.9715, 106.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 65, 98) }
```

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

```
.background{ background-color: rgb(244, 65,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor