

# Converting Colors

YUV(112.1030, -12.3758,  
96.3797)

Have a look what the booklet for  
YUV(112.1030, -12.3758, 96.3797)  
contains.

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# Color

**YUV(112.1030, -12.3758,  
96.3797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE3D57
RGB	222, 61, 87
RGB Percent	87%, 24%, 34%
CMY	0.1294, 0.7608, 0.6588
CMYK	0.00, 0.73, 0.61, 0.13
HSL	350°, 71%, 55%
HSV	350°, 73%, 87%
XYZ	33.5132, 19.5552, 11.0250
YIQ	112.1030, 87.6100, 42.2180

# Conversions

## Conversions Part 2

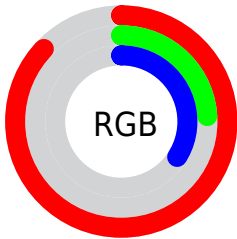
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">222, 61, 87</a>
Decimal	<a href="#">14564695</a>
CIELab	<a href="#">51.33, 63.02, 22.87</a>
CIElCh	<a href="#">51, 67.037, 19.946</a>
Yxy	<a href="#">19.5552, 0.5229, 0.3051</a>
Android (android.graphics.Color)	<a href="#">4292754775</a> ( <a href="#">0xFFDE3D57</a> )
YUV	<a href="#">112.1030, -12.3758, 96.3797</a>
Hunter-Lab	<a href="#">44.2213, 57.8897, 16.1730</a>

# Details

The YUV color **112.1030, -12.3758, 96.3797** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark muted red. A complement of this color would be **170.8970, 12.3758, -96.3797**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3030, -12.4744, 81.2953**, and **52.6280, -5.2396, 94.1652** is the 20% darker color. If you saturate the color by 10%, you get **97.0230, -14.3083, 109.6048**, and if you desaturate by 10%, it is **127.1830, -10.4432, 83.1545**.

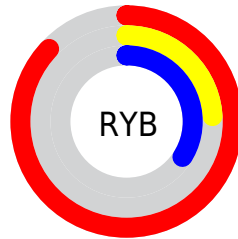
# Distribution



Red (87%)

Green (24%)

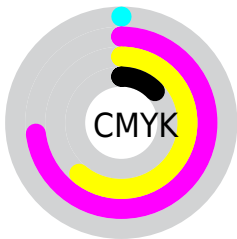
Blue (34%)



Red (87%)

Yellow (24%)

Blue (34%)

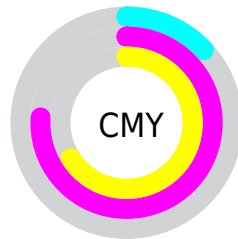


Cyan (0%)

Magenta (73%)

Yellow (61%)

Black (13%)



Cyan (13%)

Magenta (76%)


Yellow (66%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 112.1030, -12.3758, 96.3797 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 112.1030, -12.3758, 96.3797 by changing the saturation by 10% instead.




 112.1030,  
-12.3758, 96.3797


 112.1030,  
-12.3758, 96.3797


255.0000, 0.0000,  
0.0000


 78.4930, -7.1450,  
98.6686


 162.3030,  
-12.4744, 81.2953


 52.6280, -5.2396,  
94.1652


 181.7030, -9.2206,  
64.2815


 41.0790, -9.4059,  
77.1067


 201.8040, -5.8194,  
46.6529

 29.6010, -14.5933,  
60.8629

 222.0190, -1.9814,  
28.9243

 21.2720, -9.0081,  
42.7345

 242.8210, 1.5672,  
10.6810

 11.7750, -5.3121,  
23.8763

 0.0000, 0.0000,

0.0000

■ 112.1030,  
-12.3758, 96.3797

■ 112.1030,  
-12.3758, 96.3797

■ 97.0230, -14.3083,  
109.6048

■ 127.1830,  
-10.4432, 83.1545

■ 82.0570, -15.8041,  
122.7300

■ 142.1490, -8.9475,  
70.0293

■ 70.4820, -16.9996,  
132.8813

■ 157.8160, -7.3043,  
56.2894

■ 172.7820, -5.8085,  
43.1642

■ 187.8620, -3.8760,  
29.9390

■ 202.9420, -1.9434,  
16.7139

■ 217.9080, -0.4476,  
3.5887

■ 233.5750, 1.1955,  
-10.1513

■ 245.1330, 4.8644,  
-20.2876

# Harmonies

## Analogous

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



115.6220, 13.9904, 86.2775



112.1030, -12.3758, 96.3797



115.2290, -40.5389, 76.0982

# Triad

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



112.1030, -12.3758, 96.3797



95.2040, -26.7226, -62.4459



106.1490, 64.0165, -93.0927

# Complementary

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



112.1030, -12.3758, 96.3797



170.8970, 12.3758, -96.3797

# 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.



109.0550, 49.7659, -95.6412



112.1030, -12.3758, 96.3797



97.6890, 1.1393, -85.6733

# Square

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



112.1030, -12.3758, 96.3797



110.0860, -54.2724, 0.8016



105.1160, 27.0578, -92.1867



116.2530, 56.5703, -37.9329



# Rectangle

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



112.1030, -12.3758, 96.3797



114.8570, -56.6245, 55.3764



105.1160, 27.0578, -92.1867



107.8130, 60.2382, -94.5520

# Sweetspot

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



112.1030, -12.3758, 96.3797



216.7700, -4.3236, 33.5277



119.4200, 50.5719, 66.2837



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.



112.1030, -12.3758, 96.3797



103.4820, -16.9996, 132.8813



140.8370, -39.3596, 71.1800



104.5170, -0.7479, 6.5626



55.8160, -13.7133, 105.4014



15.2640, -3.5812, 28.7095



# Inverse Universe

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



112.1030, -12.3758, 96.3797



103.4820, -16.9996, 132.8813



142.1630, 39.3596, -71.1800



104.5170, -0.7479, 6.5626



55.8160, -13.7133, 105.4014

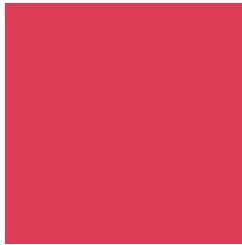


15.2640, -3.5812, 28.7095



# Previews

## White Background



This preview shows how the YUV color 112.1030, -12.3758, 96.3797 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 112.1030, -12.3758, 96.3797 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 112.1030, -12.3758, 96.3797

## Background



This preview shows how black text looks on a background with the YUV color 112.1030, -12.3758, 96.3797.



This preview shows how white text looks on a background with the YUV color 112.1030, -12.3758,



# 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

112.1030, -12.3758, 96.3797

### Protanopia

122.5830, -4.2314, 3.8737

### Deuteranopia

121.9370, -21.1679, 22.8573



## Tritanopia

111.9860, -21.6851, 95.6053

# Trichromacy



## Original Color

112.1030, -12.3758, 96.3797

## Protanomaly

118.9940, -7.3920, 37.7163

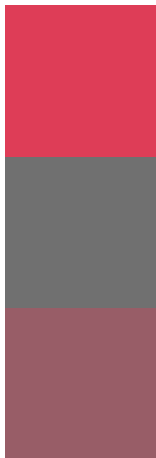
## Deuteranomaly

118.6120, -18.0497, 49.4523

## Tritanomaly

112.1970, -18.3381, 95.4202

# Monochromacy



## Original Color

112.1030, -12.3758, 96.3797

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

111.7810, -4.3290, 35.2721

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.1030, -12.3758, 96.3797 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(222, 61, 87)` looks like.

```
.text, #text, p{  
    color:rgb(222, 61, 87)  
}
```

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(222, 61, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 61, 87) }
```

## Border

The CSS property to change the border of an element to YUV 112.1030, -12.3758, 96.3797 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(222, 61, 87) }
```



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

```
.border{ border-color:rgb(222, 61, 87) }
```

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

Here you see how a box with a 4 pixel rgb(222, 61, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 61, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 61, 87);  
box-shadow:4px 4px 4px 4px rgb(222, 61,  
87) }
```

# Background

The CSS property to change the background color of an element to YUV 112.1030, -12.3758, 96.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 61, 87) }
```

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

```
.background{ background-color: rgb(222, 61,  
87) }
```

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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