

# Converting Colors

YUV(104.8440, -12.7411,  
120.2858)

Have a look what the booklet for  
YUV(104.8440, -12.7411, 120.2858)  
contains.

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# Color

**YUV(104.8440, -12.7411,  
120.2858)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2284F
RGB	242, 40, 79
RGB Percent	95%, 16%, 31%
CMY	0.0510, 0.8431, 0.6902
CMYK	0.00, 0.83, 0.67, 0.05
HSL	348°, 89%, 55%
HSV	348°, 83%, 95%
XYZ	38.7880, 20.9593, 9.3983
YIQ	104.8440, 107.8730, 54.9530

# Conversions

## Conversions Part 2

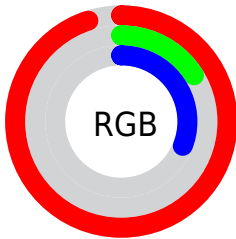
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 40, 79
Decimal	15870031
CIE Lab	52.90, 73.87, 30.41
CIE LCh	53, 79.883, 22.379
Yxy	20.9593, 0.5610, 0.3031
Android (android.graphics.Color)	4294060111 (0xFFFF2284F)
YUV	104.8440, -12.7411, 120.2858
Hunter-Lab	45.7814, 71.1158, 19.8755

# Details

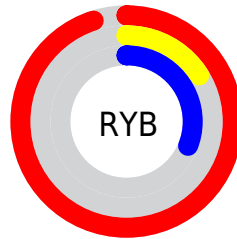
The YUV color **104.8440, -12.7411, 120.2858** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **177.1560, 12.7411, -120.2858**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2330, -12.9329, 88.3727**, and **57.2120, -10.9505, 105.9311** is the 20% darker color. If you saturate the color by 10%, you get **88.4760, -14.5317, 134.6405**, and if you desaturate by 10%, it is **121.2120, -10.9505, 105.9311**.

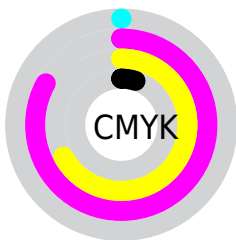
# Distribution



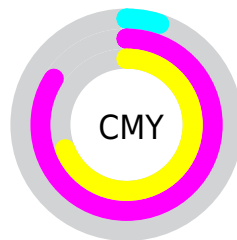
- Red (95%)
- Green (16%)
- Blue (31%)



- Red (95%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (83%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (84%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.8440, -12.7411, 120.2858 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 104.8440, -12.7411, 120.2858 by changing the saturation by 10% instead.





 104.8440,  
-12.7411, 120.2858

 104.8440,  
-12.7411, 120.2858


255.0000, 0.0000,  
0.0000

 69.1740, -6.4948,  
123.5044


 154.2330,  
-12.9329, 88.3727


 57.2120, -10.9505,  
105.9311


 175.3940,  
-10.5472, 69.8145

 45.4780, -14.5327,  
88.1578

 195.4950, -7.1460,  
52.1859

 34.2000, -16.3676,  
69.9846

 216.1830, -4.0342,  
34.0425

 25.1590, -10.9244,  
50.7266

 236.9850, -0.4856,  
15.7992

 15.7760, -6.7916,  
31.7684

 0.0000, 0.0000,

0.0000

■ 104.8440,  
-12.7411, 120.2858

■ 104.8440,  
-12.7411, 120.2858

■ 88.4760, -14.5317,  
134.6405

■ 121.2120,  
-10.9505, 105.9311

■ 77.7160, -15.1430,  
144.0771

■ 137.4660, -9.5967,  
91.6763

■ 154.4210, -8.0956,  
76.8068


■ 170.6750, -6.7418,  
62.5520

■ 187.0430, -4.9512,  
48.1973

■ 203.2970, -3.5974,  
33.9425

 219.6650, -1.8068,  
19.5878

 236.5060, -0.7425,  
4.8182

 251.1130, 1.9163,  
-7.9921

# Harmonies

## Analogous

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



104.9320, 20.7395, 114.9466



104.8440, -12.7411, 120.2858



113.8920, -56.1488, 89.5487

# Triad

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



104.8440, -12.7411, 120.2858



90.7690, -30.4521, -79.6044



111.2500, 70.8688, -97.5662

# Complementary

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



104.8440, -12.7411, 120.2858



177.1560, 12.7411, -120.2858

# 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.



116.0140, 58.6601, -101.7443



104.8440, -12.7411, 120.2858



102.4820, 1.7344, -89.8767

# Square

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



104.8440, -12.7411, 120.2858



112.1020, -55.2663, -7.1055



111.1630, 32.4576, -97.4900



117.4940, 67.7905, -43.4062



# Rectangle

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



104.8440, -12.7411, 120.2858



119.0100, -58.6719, 58.7502



111.1630, 32.4576, -97.4900



114.7720, 69.1324, -100.6550

# Sweetspot

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



104.8440, -12.7411, 120.2858



211.6180, -3.7557, 38.0460



111.4660, 64.3533, 79.3983



101.5730, -2.2545, 23.1765



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.



104.8440, -12.7411, 120.2858



81.8310, -16.1857, 151.8692



136.2050, -47.4291, 92.7822



111.8160, -0.8953, 7.1774



59.0060, -11.8350, 109.6197



17.9980, -3.4500, 33.3278



# Inverse Universe

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



104.8440, -12.7411, 120.2858



81.8310, -16.1857, 151.8692



145.7950, 47.4291, -92.7822



111.8160, -0.8953, 7.1774



59.0060, -11.8350, 109.6197



17.9980, -3.4500, 33.3278



# Previews

## White Background



This preview shows how the YUV color 104.8440, -12.7411, 120.2858 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 104.8440, -12.7411, 120.2858 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 104.8440, -12.7411, 120.2858 Background



This preview shows how black text looks on a background with the YUV color 104.8440, -12.7411, 120.2858.



This preview shows how white text looks on a background with the YUV color 104.8440, -12.7411, 120.2858.



# 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

104.8440, -12.7411, 120.2858

### Protanopia

126.4970, -7.1470, 5.7031

### Deuteranopia

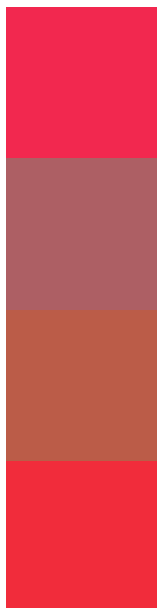
125.1240, -28.1621, 26.2013



## Tritanopia

105.0060, -28.5970, 119.2667

# Trichromacy



## Original Color

104.8440, -12.7411, 120.2858

## Protanomaly

118.8920, -9.3138, 47.4527

## Deuteranomaly

118.1250, -22.7396, 60.4034

## Tritanomaly

104.6130, -22.4872, 119.6114

# Monochromacy



## Original Color

104.8440, -12.7411, 120.2858

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8360, -4.3561, 43.9938

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.8440, -12.7411, 120.2858 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(242, 40, 79)` looks like.

```
.text, #text, p{  
    color:rgb(242, 40, 79)  
}
```

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(242, 40, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 40, 79) }
```

## Border

The CSS property to change the border of an element to YUV 104.8440, -12.7411, 120.2858 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(242, 40, 79) }
```



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

```
.border{ border-color:rgb(242, 40, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 40, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 40, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 40, 79);  
box-shadow:4px 4px 4px 4px rgb(242, 40,  
79) }
```

# Background

The CSS property to change the background color of an element to YUV 104.8440, -12.7411, 120.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 40, 79) }
```

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

```
.background{ background-color: rgb(242, 40,  
79) }
```

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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