

# Converting Colors

YUV(98.1890, -2.5582,  
120.8602)

Have a look what the booklet for  
YUV(98.1890, -2.5582, 120.8602)  
contains.

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# Color

**YUV(98.1890, -2.5582,  
120.8602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC1D5D
RGB	236, 29, 93
RGB Percent	93%, 11%, 36%
CMY	0.0745, 0.8863, 0.6353
CMYK	0.00, 0.88, 0.61, 0.07
HSL	341°, 84%, 52%
HSV	341°, 88%, 93%
XYZ	37.0072, 19.5019, 12.1697
YIQ	98.1890, 102.8280, 63.7880

# Conversions

## Conversions Part 2

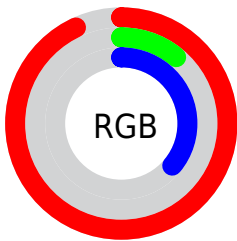
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 29, 93
Decimal	15474013
CIE <sub>Lab</sub>	51.27, 75.15, 19.64
CIE <sub>LCh</sub>	51, 77.677, 14.648
Yxy	19.5019, 0.5388, 0.2840
Android (android.graphics.Color)	4293664093 (0xFFEC1D5D)
YUV	98.1890, -2.5582, 120.8602
Hunter-Lab	44.1610, 72.3026, 14.5738

# Details

The YUV color **98.1890, -2.5582, 120.8602** 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 **166.8110, 2.5582, -120.8602**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4210, -4.6446, 89.9618**, and **56.9000, -4.3877, 100.9427** is the 20% darker color. If you saturate the color by 10%, you get **82.2770, -2.6016, 134.8151**, and if you desaturate by 10%, it is **114.1010, -2.5148, 106.9054**.

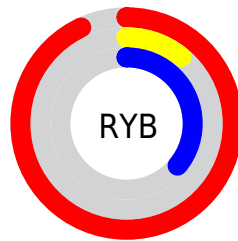
# Distribution



Red (93%)

Green (11%)

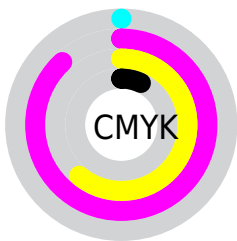
Blue (36%)



Red (93%)

Yellow (11%)

Blue (36%)

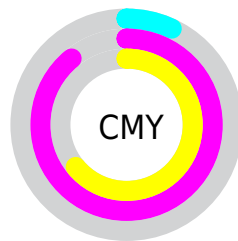


Cyan (0%)

Magenta (88%)

Yellow (61%)

Black (7%)



Cyan (7%)

Magenta (89%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.1890, -2.5582, 120.8602 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 98.1890, -2.5582, 120.8602 by changing the saturation by 10% instead.





 98.1890, -2.5582,  
120.8602


 98.1890, -2.5582,  
120.8602


255.0000, 0.0000,  
0.0000


 68.9760, 0.5048,  
118.4160


 152.4210, -4.6446,  
89.9618

 56.9000, -4.3877,  
100.9427


 173.5820, -2.2589,  
71.4036


 45.3510, -8.5540,  
83.8842


 194.2700, 0.8529,  
53.2602

 33.0040, -15.7780,  
67.5255

 215.0720, 4.4015,  
35.0169

 24.3760, -10.0454,  
48.7822

 235.9880, 8.3869,  
16.6735

 14.5800, -6.2019,  
29.3093

253.8260, 0.5788,

 0.0000, 0.0000,

1.0296

0.0000

■ 98.1890, -2.5582,  
120.8602

■ 98.1890, -2.5582,  
120.8602

■ 82.2770, -2.6016,  
134.8151

■ 114.1010, -2.5148,  
106.9054

■ 78.8860, -2.9018,  
137.7890

■ 129.5400, -1.7452,  
93.3654

■ 145.4520, -1.7018,  
79.4106

■ 160.7770, -1.3691,  
65.9706

■ 176.8030, -0.8889,  
51.9158

■ 192.7150, -0.8455,  
37.9609

■ 208.0400, -0.5127,  
24.5209

■ 223.9520, -0.4693,  
10.5661

■ 239.3910, 0.3002,  
-2.9739

# Harmonies

## Analogous

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



108.2720, 25.0089, 98.8625



98.1890, -2.5582, 120.8602



110.5240, -41.1773, 94.2565

# Triad

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



98.1890, -2.5582, 120.8602



89.0350, -43.8943, -61.4207



110.9080, 69.5584, -97.2663

# Complementary

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



98.1890, -2.5582, 120.8602



166.8110, 2.5582, -120.8602

# 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.



111.9730, 50.7923, -98.2003



98.1890, -2.5582, 120.8602



96.4520, -6.1388, -84.5884

# Square

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



98.1890, -2.5582, 120.8602



111.0050, -54.7255, 6.1346



105.6060, 23.8582, -92.6165



99.1680, 75.3462, -86.9703



# Rectangle

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



98.1890, -2.5582, 120.8602



113.7600, -56.0837, 68.6165



105.6060, 23.8582, -92.6165



112.2300, 64.4696, -98.4257

# Sweetspot

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



98.1890, -2.5582, 120.8602



211.0140, -0.9929, 38.5757



94.7570, 69.6328, 65.9881



101.3280, -0.6547, 23.3913



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.



98.1890, -2.5582, 120.8602



85.2510, -3.0817, 148.8699



113.1990, -41.5101, 107.6965



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



18.0840, -0.5344, 31.4983



# Inverse Universe

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



98.1890, -2.5582, 120.8602



85.2510, -3.0817, 148.8699



151.8010, 41.5101, -107.6965



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



18.0840, -0.5344, 31.4983



# Previews

## White Background



This preview shows how the YUV color 98.1890, -2.5582, 120.8602 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

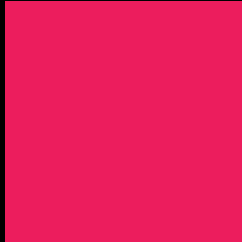
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 98.1890, -2.5582, 120.8602 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

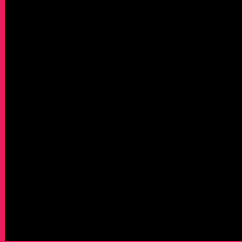
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 98.1890, -2.5582, 120.8602

## Background



This preview shows how black text looks on a background with the YUV color 98.1890, -2.5582, 120.8602.



This preview shows how white text looks on a background with the YUV color 98.1890, -2.5582,



# 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

98.1890, -2.5582, 120.8602

### Protanopia

123.2540, 4.8048, -1.0998

### Deuteranopia

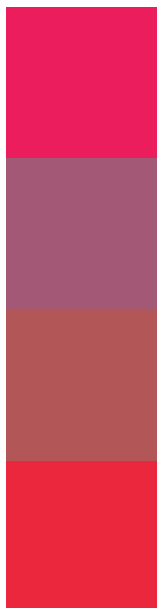
122.6810, -19.5627, 21.3278



## Tritanopia

101.3970, -28.2967, 116.2928

# Trichromacy



## Original Color

98.1890, -2.5582, 120.8602

## Protanomaly

113.8450, 2.0484, 43.1089

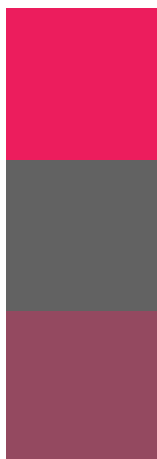
## Deuteranomaly

113.9210, -13.2721, 57.0743

## Tritanomaly

100.2260, -18.8454, 118.1968

# Monochromacy



## Original Color

98.1890, -2.5582, 120.8602

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.0470, -1.0092, 43.8088

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.1890, -2.5582, 120.8602 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(236, 29, 93)` looks like.

```
.text, #text, p{  
    color:rgb(236, 29, 93)  
}
```

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(236, 29, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 29, 93) }
```

## Border

The CSS property to change the border of an element to YUV 98.1890, -2.5582, 120.8602 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(236, 29, 93) }
```



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

```
.border{ border-color:rgb(236, 29, 93) }
```

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

Here you see how a box with a 4 pixel rgb(236, 29, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 29, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 29, 93);  
box-shadow:4px 4px 4px 4px rgb(236, 29,  
93) }
```

# Background

The CSS property to change the background color of an element to YUV 98.1890, -2.5582, 120.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 29, 93) }
```

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

```
.background{ background-color: rgb(236, 29,  
93) }
```

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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