

# Converting Colors

YUV(98.9960, -13.3090,  
115.7675)

Have a look what the booklet for  
YUV(98.9960, -13.3090, 115.7675)  
contains.

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# Color

**YUV(98.9960, -13.3090,  
115.7675)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E72548
RGB	231, 37, 72
RGB Percent	91%, 15%, 28%
CMY	0.0941, 0.8549, 0.7176
CMYK	0.00, 0.84, 0.69, 0.09
HSL	349°, 80%, 53%
HSV	349°, 84%, 91%
XYZ	34.7863, 18.7799, 7.9223
YIQ	98.9960, 104.3890, 52.0130

# Conversions

## Conversions Part 2

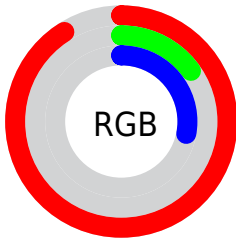
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 37, 72
Decimal	15148360
CIE <sub>Lab</sub>	50.43, 71.32, 31.04
CIE <sub>LCh</sub>	50, 77.781, 23.518
Yxy	18.7799, 0.5657, 0.3054
Android (android.graphics.Color)	4293338440 (0xFFE72548)
YUV	98.9960, -13.3090, 115.7675
Hunter-Lab	43.3358, 67.4467, 19.4961

# Details

The YUV color **98.9960, -13.3090, 115.7675** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **169.0040, 13.3090, -115.7675**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5600, -15.5591, 90.7169**, and **53.2390, -11.9498, 99.7684** is the 20% darker color. If you saturate the color by 10%, you get **83.3290, -14.9522, 129.5075**, and if you desaturate by 10%, it is **114.6630, -11.6659, 102.0275**.

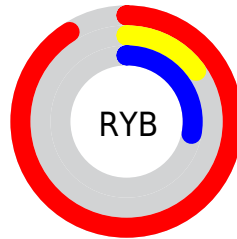
# Distribution



Red (91%)

Green (15%)

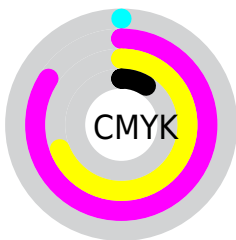
Blue (28%)



Red (91%)

Yellow (15%)

Blue (28%)

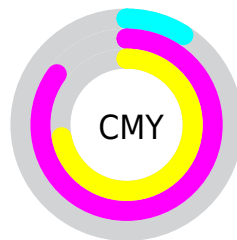


Cyan (0%)

Magenta (84%)

Yellow (69%)

Black (9%)



Cyan (9%)

Magenta (85%)


Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.9960, -13.3090, 115.7675 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 98.9960, -13.3090, 115.7675 by changing the saturation by 10% instead.





 98.9960, -13.3090,  
115.7675


 98.9960, -13.3090,  
115.7675


255.0000, 0.0000,  
0.0000


 65.2010, -7.4941,  
117.3417


 151.5600,  
-15.5591, 90.7169


 53.2390, -11.9498,  
99.7684


 172.1340,  
-12.8841, 72.6735


 41.3480, -17.4266,  
83.0098


 192.2350, -9.4829,  
55.0449

 31.2100, -14.8935,  
63.8368

 212.9230, -6.3710,  
36.9015

 22.8810, -9.3083,  
45.7084

 233.1380, -2.5330,  
19.1730

 12.9710, -5.9017,  
26.3354

254.4130, 0.2894,

 0.0000, 0.0000,

0.5148

0.0000

■ 98.9960, -13.3090,  
115.7675

■ 98.9960, -13.3090,  
115.7675

■ 83.3290, -14.9522,  
129.5075

■ 114.6630,  
-11.6659, 102.0275

■ 73.8570, -15.7055,  
137.8144

■ 130.3300,  
-10.0227, 88.2876

■ 145.9970, -8.3795,  
74.5476

■ 161.6640, -6.7364,  
60.8077

■ 177.9180, -5.3826,  
46.5529

■ 193.5850, -3.7394,  
32.8130

209.2520, -2.0962,  
19.0730

224.8050, -0.8899,  
5.4330

240.4720, 0.7533,  
-8.3069

# Harmonies

## Analogous

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



96.9920, 19.7239, 114.0170



98.9960, -13.3090, 115.7675



108.8420, -53.6591, 84.3306

# Triad

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



98.9960, -13.3090, 115.7675



86.6600, -28.4264, -76.0008



106.9130, 72.0209, -93.7627

# Complementary

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



98.9960, -13.3090, 115.7675



169.0040, 13.3090, -115.7675

# 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.



110.9930, 57.1915, -97.3409



98.9960, -13.3090, 115.7675



98.0310, 2.4497, -85.9732

# Square

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



98.9960, -13.3090, 115.7675



106.1880, -52.3507, -8.9349



106.3700, 31.8626, -93.2865



112.9140, 64.1324, -36.7586



# Rectangle

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



98.9960, -13.3090, 115.7675



112.7860, -55.6035, 54.5617



106.3700, 31.8626, -93.2865



109.2780, 68.3899, -95.8368

# Sweetspot

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



98.9960, -13.3090, 115.7675



211.5040, -4.1925, 38.1460



106.3580, 61.4485, 77.7390



101.4590, -2.6913, 23.2765



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.



98.9960, -13.3090, 115.7675



81.4890, -17.4961, 152.1691



130.8130, -46.2498, 87.8640



106.8160, -0.8953, 7.1774



57.1690, -12.4083, 106.8458



16.2750, -3.5866, 30.4538



# Inverse Universe

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



98.9960, -13.3090, 115.7675



81.4890, -17.4961, 152.1691



137.1870, 46.2498, -87.8640



106.8160, -0.8953, 7.1774



57.1690, -12.4083, 106.8458



16.2750, -3.5866, 30.4538



# Previews

## White Background



This preview shows how the YUV color 98.9960, -13.3090, 115.7675 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 98.9960, -13.3090, 115.7675 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 98.9960, -13.3090, 115.7675

## Background



This preview shows how black text looks on a background with the YUV color 98.9960, -13.3090, 115.7675.



This preview shows how white text looks on a background with the YUV color 98.9960, -13.3090,



# 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

98.9960, -13.3090, 115.7675

### Protanopia

120.0410, -8.8942, 6.1030

### Deuteranopia

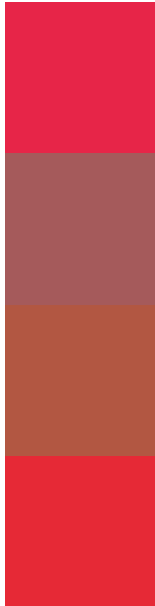
118.8250, -28.0147, 25.5865



## Tritanopia

99.5000, -27.8545, 114.4485

# Trichromacy



## Original Color

98.9960, -13.3090, 115.7675

## Protanomaly

112.5390, -10.6187, 46.0083

## Deuteranomaly

111.8150, -22.5868, 58.0442

## Tritanomaly

98.9930, -22.1815, 114.8931

# Monochromacy



## Original Color

98.9960, -13.3090, 115.7675

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.7110, -4.7875, 42.3495

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.9960, -13.3090, 115.7675 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(231, 37, 72)` looks like.

```
.text, #text, p{  
    color:rgb(231, 37, 72)  
}
```

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(231, 37, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 37, 72) }
```

## Border

The CSS property to change the border of an element to YUV 98.9960, -13.3090, 115.7675 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(231, 37, 72) }
```



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

```
.border{ border-color:rgb(231, 37, 72) }
```

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

Here you see how a box with a 4 pixel rgb(231, 37, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 37, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 37, 72);  
box-shadow:4px 4px 4px 4px rgb(231, 37,  
72) }
```

# Background

The CSS property to change the background color of an element to YUV 98.9960, -13.3090, 115.7675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 37, 72) }
```

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

```
.background{ background-color: rgb(231, 37,  
72) }
```

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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