

Converting Colors

YUV(97.2340, -7.5104,
122.5748)

Have a look what the booklet for
YUV(97.2340, -7.5104, 122.5748)
contains.

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Color

**YUV(97.2340, -7.5104,
122.5748)**

Conversions

Conversions Part 1

Format	Color
Hex	ED1D52
RGB	237, 29, 82
RGB Percent	93%, 11%, 32%
CMY	0.0706, 0.8863, 0.6784
CMYK	0.00, 0.88, 0.65, 0.07
HSL	345°, 85%, 52%
HSV	345°, 88%, 93%
XYZ	36.8874, 19.4925, 9.8009
YIQ	97.2340, 106.9550, 60.5790

Conversions

Conversions Part 2

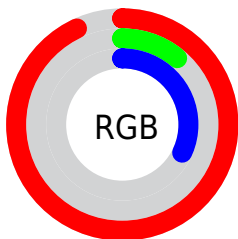
Format	Color
R_{YB}	237, 29, 82
Decimal	15539538
CIE _{Lab}	51.26, 74.80, 26.33
CIE _{LCh}	51, 79.304, 19.391
Yxy	19.4925, 0.5574, 0.2945
Android (android.graphics.Color)	4293729618 (0xFFED1D52)
YUV	97.2340, -7.5104, 122.5748
Hunter-Lab	44.1503, 71.8733, 17.7434

Details

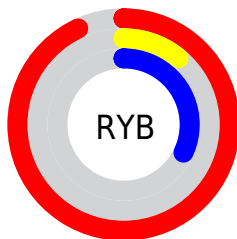
The YUV color **97.2340, -7.5104, 122.5748** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **168.7660, 7.5104, -122.5748**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0530, -9.8861, 91.1615**, and **56.0590, -8.9031, 102.5573** is the 20% darker color. If you saturate the color by 10%, you get **81.0940, -8.4273, 136.7296**, and if you desaturate by 10%, it is **113.3740, -6.5934, 108.4200**.

Distribution



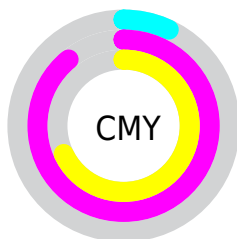
- Red (93%)
- Green (11%)
- Blue (32%)



- Red (93%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (88%)
- Yellow (65%)
- Black (7%)





- Cyan (7%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.2340, -7.5104, 122.5748 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 97.2340, -7.5104, 122.5748 by changing the saturation by 10% instead.


 97.2340, -7.5104,
122.5748


 97.2340, -7.5104,
122.5748


255.0000, 0.0000,
0.0000


 68.0210, -4.4474,
120.1306


 151.0530, -9.8861,
91.1615


 56.0590, -8.9031,
102.5573


 172.2140, -7.5005,
72.6033


 44.3250, -12.4852,
84.7840


 192.3150, -4.0993,
54.9747

 33.0040, -15.7780,
67.5255

 213.0030, -0.9875,
36.8314

 24.3760, -10.0454,
48.7822

 233.9190, 2.9979,
18.4880

 14.5800, -6.2019,
29.3093

253.8260, 0.5788,

 0.0000, 0.0000,

1.0296

0.0000

■ 97.2340, -7.5104,
122.5748

■ 97.2340, -7.5104,
122.5748

■ 81.0940, -8.4273,
136.7296

■ 113.3740, -6.5934,
108.4200

■ 77.7030, -8.7276,
139.7035

■ 128.8130, -5.8238,
94.8800

■ 144.9530, -4.9068,
80.7252

■ 161.0930, -3.9898,
66.5704

■ 177.1190, -3.5097,
52.5156

■ 192.6720, -2.3033,
38.8757

■ 208.8120, -1.3863,
24.7209

■ 224.8380, -0.9061,
10.6661

■ 240.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



101.5940, 23.3712, 110.8581



97.2340, -7.5104, 122.5748



109.3960, -50.4812, 91.7377

Triad

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



97.2340, -7.5104, 122.5748



85.8960, -36.4307, -75.3308



110.0760, 71.4475, -96.5367

Complementary

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



97.2340, -7.5104, 122.5748



168.7660, 7.5104, -122.5748

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.



112.5260, 55.4497, -98.6853



97.2340, -7.5104, 122.5748



98.2930, -1.6234, -86.2030

Square

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



97.2340, -7.5104, 122.5748



109.4770, -53.9722, -2.1723



107.5610, 28.8104, -94.3310



103.1100, 73.4028, -70.2565

Rectangle

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



97.2340, -7.5104, 122.5748



114.6020, -56.4988, 61.7390



107.5610, 28.8104, -94.3310



111.8540, 68.1060, -98.0960

Sweetspot

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



97.2340, -7.5104, 122.5748



210.6720, -2.3033, 38.8757



98.4590, 68.3007, 73.2655



101.1000, -1.5283, 23.5913



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.



97.2340, -7.5104, 122.5748



83.6550, -9.1969, 150.2696



119.9550, -44.8408, 102.6485



109.6310, -0.3111, 6.4626



59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Inverse Universe

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



97.2340, -7.5104, 122.5748



83.6550, -9.1969, 150.2696



146.0450, 44.8408, -102.6485



109.6310, -0.3111, 6.4626



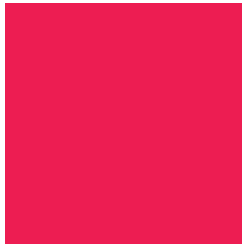
59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 97.2340, -7.5104, 122.5748 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 97.2340, -7.5104, 122.5748 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 97.2340, -7.5104, 122.5748

Background



This preview shows how black text looks on a background with the YUV color 97.2340, -7.5104, 122.5748.

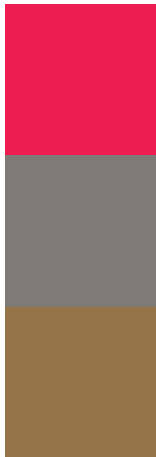


This preview shows how white text looks on a background with the YUV color 97.2340, -7.5104,

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

97.2340, -7.5104, 122.5748

Protanopia

122.7400, -2.3368, 2.8590

Deuteranopia

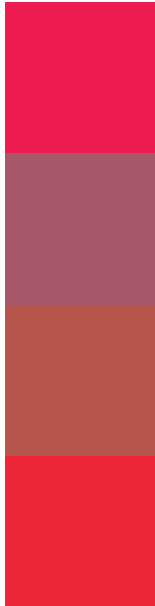
121.4380, -24.3729, 24.1719



Tritanopia

99.1910, -29.1812, 119.9815

Trichromacy



Original Color

97.2340, -7.5104, 122.5748

Protanomaly

113.2600, -4.0722, 46.2530

Deuteranomaly

112.6780, -18.0823, 59.9184

Tritanomaly

98.5530, -21.4716, 120.5410

Monochromacy



Original Color

97.2340, -7.5104, 122.5748

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0040, -2.4670, 44.7235

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2340, -7.5104, 122.5748 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(237, 29, 82)` looks like.

```
.text, #text, p{  
    color:rgb(237, 29, 82)  
}
```

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(237, 29, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 29, 82) }
```

Border

The CSS property to change the border of an element to YUV 97.2340, -7.5104, 122.5748 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(237, 29, 82) }
```


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

```
.border{ border-color:rgb(237, 29, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 29, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 29, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 29, 82);  
box-shadow:4px 4px 4px 4px rgb(237, 29,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 97.2340, -7.5104, 122.5748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 29, 82) }
```

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

```
.background{ background-color: rgb(237, 29,  
82) }
```

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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