

Converting Colors

YUV(117.8480, -12.2501,
102.7423)

Have a look what the booklet for
YUV(117.8480, -12.2501, 102.7423)
contains.

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Color

**YUV(117.8480, -12.2501,
102.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	EB3F5D
RGB	235, 63, 93
RGB Percent	92%, 25%, 36%
CMY	0.0784, 0.7529, 0.6353
CMYK	0.00, 0.73, 0.60, 0.08
HSL	350°, 81%, 58%
HSV	350°, 73%, 92%
XYZ	38.0142, 22.0075, 12.6002
YIQ	117.8480, 92.8820, 45.7940

Conversions

Conversions Part 2

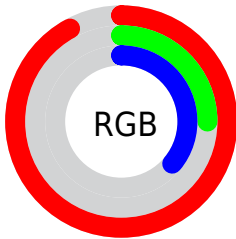
Format	Color
R_{YB}	235, 63, 93
Decimal	15417181
CIE Lab	54.03, 66.51, 23.29
CIE LCh	54, 70.473, 19.296
Yxy	22.0075, 0.5235, 0.3030
Android (android.graphics.Color)	4293607261 (0xFFEB3F5D)
YUV	117.8480, -12.2501, 102.7423
Hunter-Lab	46.9121, 62.5473, 16.9137

Details

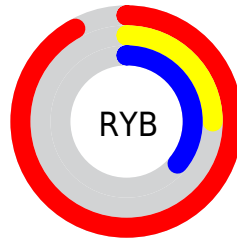
The YUV color **117.8480, -12.2501, 102.7423** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **180.1520, 12.2501, -102.7423**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7480, -10.7218, 79.1510**, and **56.9000, -4.3877, 100.9427** is the 20% darker color. If you saturate the color by 10%, you get **102.1810, -13.8932, 116.4823**, and if you desaturate by 10%, it is **134.1020, -10.8963, 88.4875**.

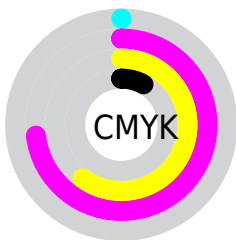
Distribution



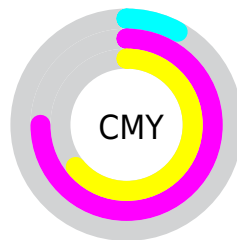
- Red (92%)
- Green (25%)
- Blue (36%)



- Red (92%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (73%)
- Yellow (60%)
- Black (8%)





- Cyan (8%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.8480, -12.2501, 102.7423 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 117.8480, -12.2501, 102.7423 by changing the saturation by 10% instead.


 117.8480,
-12.2501, 102.7423


 117.8480,
-12.2501, 102.7423


255.0000, 0.0000,
0.0000

 82.7650, -6.2931,
105.4461


 164.7480,
-10.7218, 79.1510


 56.9000, -4.3877,
100.9427


 184.7350, -7.7574,
61.6224

 45.2370, -8.9908,
83.9842


 204.9500, -3.9193,
43.8939

 33.3030, -15.9254,
68.1403

 225.1650, -0.0813,
26.1653

 24.1480, -10.9190,
48.9822

 245.9670, 3.4673,
7.9219

 15.4770, -6.6442,
31.1537

 0.0000, 0.0000,

0.0000

■ 117.8480,
-12.2501, 102.7423

■ 117.8480,
-12.2501, 102.7423

■ 102.1810,
-13.8932, 116.4823

■ 134.1020,
-10.8963, 88.4875

■ 85.8130, -15.6838,
130.8370

■ 149.8830, -8.8163,
74.6476

■ 74.9390, -16.7319,
140.3735

■ 166.1370, -7.4625,
60.3929

■ 181.9180, -5.3826,
46.5529

■ 198.1720, -4.0288,
32.2982

■ 213.8390, -2.3856,
18.5582

■ 229.6200, -0.3057,
4.7183

■ 245.8740, 1.0481,
-9.5365

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



122.1110, 15.7213, 91.1107



117.8480, -12.2501, 102.7423



121.6920, -42.7392, 81.8311

Triad

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



117.8480, -12.2501, 102.7423



100.2100, -29.1905, -64.2052



112.4410, 67.8166, -98.6108

Complementary

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



117.8480, -12.2501, 102.7423



180.1520, 12.2501, -102.7423

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.



115.0050, 52.2555, -100.8594



117.8480, -12.2501, 102.7423



102.9550, 1.0082, -90.2915

Square

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



117.8480, -12.2501, 102.7423



116.5870, -57.4774, 2.1162



110.7240, 28.2371, -97.1049



121.3600, 60.9545, -44.1657

Rectangle

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



117.8480, -12.2501, 102.7423



121.0810, -59.6929, 59.5650



110.7240, 28.2371, -97.1049



113.9910, 63.6014, -99.9701

Sweetspot

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



117.8480, -12.2501, 102.7423



216.8840, -3.8868, 33.4277



124.4680, 54.4923, 68.8726



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.



117.8480, -12.2501, 102.7423



102.4220, -15.9840, 133.8109



146.1260, -40.9811, 77.9425



109.5170, -0.7479, 6.5626



57.7670, -12.7031, 108.0753



17.1720, -4.0288, 32.2982

Inverse Universe

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



117.8480, -12.2501, 102.7423



102.4220, -15.9840, 133.8109



151.8740, 40.9811, -77.9425



109.5170, -0.7479, 6.5626



57.7670, -12.7031, 108.0753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 117.8480, -12.2501, 102.7423 looks on a white background.

Color Contrast Check

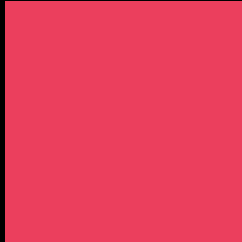
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8480, -12.2501, 102.7423 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 117.8480, -12.2501, 102.7423 Background



This preview shows how black text looks on a background with the YUV color 117.8480, -12.2501, 102.7423.



This preview shows how white text looks on a background with the YUV color 117.8480, -12.2501, 102.7423.

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

117.8480, -12.2501, 102.7423

Protanopia

129.8110, -3.3578, 3.6738

Deuteranopia

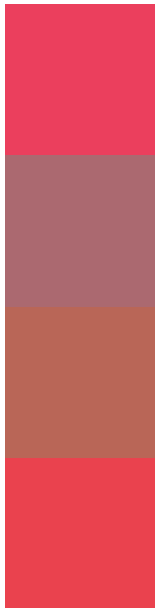
129.0080, -22.1889, 23.6720



Tritanopia

117.2750, -23.3066, 102.3678

Trichromacy



Original Color

117.8480, -12.2501, 102.7423

Protanomaly

125.5320, -6.6713, 39.8754

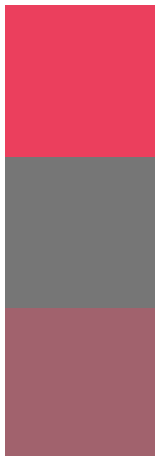
Deuteranomaly

125.1070, -18.7868, 52.5262

Tritanomaly

117.6000, -19.5228, 102.0828

Monochromacy



Original Color

117.8480, -12.2501, 102.7423

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0910, -4.4819, 37.6312

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8480, -12.2501, 102.7423 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(235, 63, 93)` looks like.

```
.text, #text, p{  
    color:rgb(235, 63, 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(235, 63, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 63, 93) }
```

Border

The CSS property to change the border of an element to YUV 117.8480, -12.2501, 102.7423 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(235, 63, 93) }
```


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

```
.border{ border-color:rgb(235, 63, 93) }
```

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

Here you see how a box with a 4 pixel rgb(235, 63, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 63, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 63, 93);  
box-shadow:4px 4px 4px 4px rgb(235, 63,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 117.8480, -12.2501, 102.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 63, 93) }
```

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

```
.background{ background-color: rgb(235, 63,  
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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