

Converting Colors

YUV(103.8390, -15.2036,
116.7822)

Have a look what the booklet for
YUV(103.8390, -15.2036, 116.7822)
contains.

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Color

**YUV(103.8390, -15.2036,
116.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	ED2A49
RGB	237, 42, 73
RGB Percent	93%, 16%, 29%
CMY	0.0706, 0.8353, 0.7137
CMYK	0.00, 0.82, 0.69, 0.07
HSL	350°, 84%, 55%
HSV	350°, 82%, 93%
XYZ	36.9556, 20.1415, 8.2432
YIQ	103.8390, 106.2690, 50.9810

Conversions

Conversions Part 2

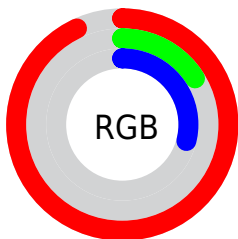
Format	Color
R_{YB}	237, 42, 73
Decimal	15542857
CIE Lab	52.00, 71.85, 32.63
CIE LCh	52, 78.909, 24.425
Yxy	20.1415, 0.5656, 0.3083
Android (android.graphics.Color)	4293732937 (0xFFED2A49)
YUV	103.8390, -15.2036, 116.7822
Hunter-Lab	44.8793, 68.4462, 20.5253

Details

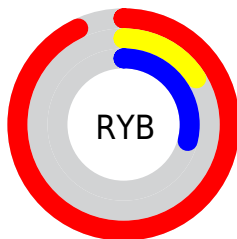
The YUV color **103.8390, -15.2036, 116.7822** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **175.1610, 15.2036, -116.7822**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0220, -16.2798, 88.5577**, and **55.1470, -12.3975, 103.3571** is the 20% darker color. If you saturate the color by 10%, you get **87.4710, -16.9942, 131.1369**, and if you desaturate by 10%, it is **120.2070, -13.4131, 102.4275**.

Distribution



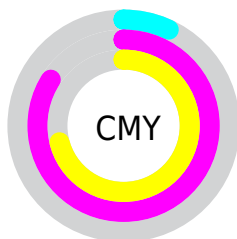
- Red (93%)
- Green (16%)
- Blue (29%)



- Red (93%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (82%)
- Yellow (69%)
- Black (7%)



- Cyan (7%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8390, -15.2036, 116.7822 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 103.8390, -15.2036, 116.7822 by changing the saturation by 10% instead.

■ 103.8390,
-15.2036, 116.7822

■ 103.8390,
-15.2036, 116.7822

255.0000, 0.0000,
0.0000

■ 67.1090, -7.9417,
120.9304

■ 154.0220,
-16.2798, 88.5577

■ 55.1470, -12.3975,
103.3571

■ 174.0090,
-13.3154, 71.0291

■ 43.0710, -17.2900,
85.8837

■ 194.6970,
-10.2036, 52.8857

■ 32.7050, -15.6306,
66.9107

■ 215.3850, -7.0918,
34.7424

■ 23.9630, -10.3348,
48.2674

■ 235.6000, -3.2538,
17.0138

■ 14.5800, -6.2019,
29.3093

■ 0.0000, 0.0000,

0.0000

■ 103.8390,
-15.2036, 116.7822

■ 103.8390,
-15.2036, 116.7822

■ 87.4710, -16.9942,
131.1369

■ 120.2070,
-13.4131, 102.4275

■ 75.1950, -18.3371,
141.9030


■ 135.9880,
-11.3331, 88.5875

■ 152.3560, -9.5425,
74.2328


■ 168.7240, -7.7519,
59.8781

■ 184.5050, -5.6720,
46.0381

■ 200.8730, -3.8814,
31.6834

 217.2410, -2.0908,
17.3286

 233.4950, -0.7370,
3.0739

 249.2760, 1.3429,
-10.7661

Harmonies

Analogous

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



101.7750, 18.8449, 115.9613



103.8390, -15.2036, 116.7822



112.3860, -55.4063, 84.7305

Triad

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



103.8390, -15.2036, 116.7822



90.1650, -27.6893, -79.0747



109.4890, 71.7369, -96.0219

Complementary

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



103.8390, -15.2036, 116.7822



175.1610, 15.2036, -116.7822

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.



114.1390, 59.0915, -100.0999



103.8390, -15.2036, 116.7822



101.6500, 3.6236, -89.1470

Square

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



103.8390, -15.2036, 116.7822



108.8350, -53.6557, -10.3793



110.1030, 33.4732, -96.5603



118.3490, 64.4109, -32.7551

Rectangle

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



103.8390, -15.2036, 116.7822



116.9170, -57.6401, 54.4468



110.1030, 33.4732, -96.5603



112.4240, 70.2900, -98.5958

Sweetspot

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



103.8390, -15.2036, 116.7822



211.2760, -5.0661, 38.3459



112.9670, 61.1483, 80.7129



101.3450, -3.1281, 23.3764



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.



103.8390, -15.2036, 116.7822



82.9080, -19.6746, 150.9247



138.4600, -47.5548, 86.4196



109.4030, -1.1847, 6.6626



57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Inverse Universe

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



103.8390, -15.2036, 116.7822



82.9080, -19.6746, 150.9247



140.5400, 47.5548, -86.4196



109.4030, -1.1847, 6.6626



57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 103.8390, -15.2036, 116.7822 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 103.8390, -15.2036, 116.7822 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 103.8390, -15.2036, 116.7822 Background



This preview shows how black text looks on a background with the YUV color 103.8390, -15.2036, 116.7822.



This preview shows how white text looks on a background with the YUV color 103.8390, -15.2036, 116.7822.

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

103.8390, -15.2036, 116.7822

Protanopia

123.9980, -10.3520, 7.0178

Deuteranopia

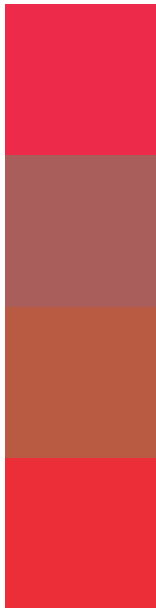
122.6680, -29.9093, 26.6012



Tritanopia

104.0980, -28.1493, 115.6781

Trichromacy



Original Color

103.8390, -15.2036, 116.7822

Protanomaly

116.4960, -12.0765, 46.9230

Deuteranomaly

115.9570, -24.6288, 59.6737

Tritanomaly

103.9500, -23.6393, 115.8079

Monochromacy



Original Color

103.8390, -15.2036, 116.7822

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.5970, -5.2243, 42.4494

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8390, -15.2036, 116.7822 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, 42, 73)` looks like.

```
.text, #text, p{  
    color:rgb(237, 42, 73)  
}
```

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, 42, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 42, 73) }
```

Border

The CSS property to change the border of an element to YUV 103.8390, -15.2036, 116.7822 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, 42, 73) }
```


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

```
.border{ border-color:rgb(237, 42, 73) }
```

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

Here you see how a box with a 4 pixel rgb(237, 42, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 42, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 42, 73);  
box-shadow:4px 4px 4px 4px rgb(237, 42,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 103.8390, -15.2036, 116.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 42, 73) }
```

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

```
.background{ background-color: rgb(237, 42,  
73) }
```

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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