

Converting Colors

YUV(117.2310, -19.8339,
108.5454)

Have a look what the booklet for
YUV(117.2310, -19.8339, 108.5454)
contains.

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Color

**YUV(117.2310, -19.8339,
108.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	F13E4D
RGB	241, 62, 77
RGB Percent	95%, 24%, 30%
CMY	0.0549, 0.7569, 0.6980
CMYK	0.00, 0.74, 0.68, 0.05
HSL	355°, 86%, 59%
HSV	355°, 74%, 95%
XYZ	39.3378, 22.6818, 9.3259
YIQ	117.2310, 101.8690, 42.6130

Conversions

Conversions Part 2

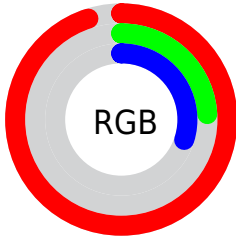
Format	Color
R_{YB}	241, 62, 77
Decimal	15810125
CIE Lab	54.74, 67.69, 33.81
CIE LCh	55, 75.663, 26.542
Yxy	22.6818, 0.5514, 0.3179
Android (android.graphics.Color)	4294000205 (0xFFFF13E4D)
YUV	117.2310, -19.8339, 108.5454
Hunter-Lab	47.6255, 64.0934, 21.7278

Details

The YUV color **117.2310, -19.8339, 108.5454** 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 **185.7690, 19.8339, -108.5454**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8100, -18.1473, 80.8506**, and **56.6850, -11.6767, 105.5163** is the 20% darker color. If you saturate the color by 10%, you get **100.6350, -22.4981, 123.1001**, and if you desaturate by 10%, it is **133.8270, -17.1697, 93.9907**.

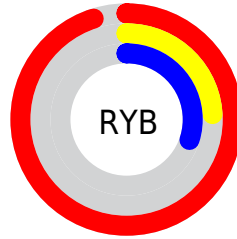
Distribution



Red (95%)

Green (24%)

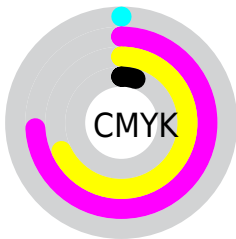
Blue (30%)



Red (95%)

Yellow (24%)

Blue (30%)

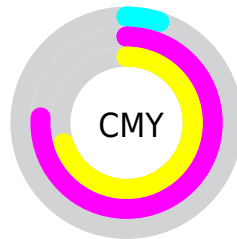


Cyan (0%)

Magenta (74%)

Yellow (68%)

Black (5%)



Cyan (5%)


Magenta (76%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.2310, -19.8339, 108.5454 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 117.2310, -19.8339, 108.5454 by changing the saturation by 10% instead.


 117.2310,
-19.8339, 108.5454

 117.2310,
-19.8339, 108.5454


255.0000, 0.0000,
0.0000


 81.5610, -13.5876,
111.7640


 162.8100,
-18.1473, 80.8506


 56.6850, -11.6767,
105.5163


 182.7970,
-15.1829, 63.3220

 44.7230, -16.1324,
87.9429


 202.8980,
-11.7817, 45.6935

 34.0860, -16.8044,
70.0846

 222.9990, -8.3805,
28.0649

 25.0450, -11.3612,
50.8265

 243.8010, -4.8319,
9.8215

 16.3740, -7.0864,
32.9980

 1.4950, -0.7370,

3.0739

■ 0.0000, 0.0000,
0.0000

■ 117.2310,
-19.8339, 108.5454

■ 117.2310,
-19.8339, 108.5454

■ 100.6350,
-22.4981, 123.1001

■ 133.8270,
-17.1697, 93.9907

■ 84.0390, -25.1622,
137.6548

■ 150.4230,
-14.5055, 79.4360


■ 74.3390, -26.7891,
146.1617


■ 167.0190,
-11.8414, 64.8813


■ 183.6150, -9.1772,
50.3266

■ 200.7980, -6.8024,
35.2572

 217.3940, -4.1382,
20.7025

 234.1040, -1.0373,
6.0478

 250.7000, 1.6269,
-8.5069

 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



116.7110, 12.4675, 108.1245



117.2310, -19.8339, 108.5454



120.8540, -58.5950, 80.8120

Triad

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



117.2310, -19.8339, 108.5454



96.3260, -21.8527, -84.4779



112.4240, 70.2900, -98.5958

Complementary

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



117.2310, -19.8339, 108.5454



185.7690, 19.8339, -108.5454

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.



118.3450, 59.9759, -103.7886



117.2310, -19.8339, 108.5454



107.1270, 6.8394, -93.9504

Square

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



117.2310, -19.8339, 108.5454



115.0260, -56.7078, -11.4238



114.7650, 36.1049, -100.6489



129.0580, 59.1314, -19.3449

Rectangle

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



117.2310, -19.8339, 108.5454



123.0970, -60.6868, 51.6579



114.7650, 36.1049, -100.6489



115.3590, 68.8430, -101.1698

Sweetspot

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



117.2310, -19.8339, 108.5454



216.3140, -6.0708, 33.9276



130.5450, 54.4543, 81.0830



104.5080, -3.7014, 20.6025



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.



117.2310, -19.8339, 108.5454



98.0390, -25.1622, 137.6548



157.7850, -47.2220, 72.9796



111.7020, -1.3321, 7.2773



56.7260, -20.5709, 111.6193



17.3140, -6.0708, 33.9276

Inverse Universe

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



117.2310, -19.8339, 108.5454



98.0390, -25.1622, 137.6548



145.2150, 47.2220, -72.9796



111.7020, -1.3321, 7.2773



56.7260, -20.5709, 111.6193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 117.2310, -19.8339, 108.5454 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 117.2310, -19.8339, 108.5454 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 117.2310, -19.8339, 108.5454 Background



This preview shows how black text looks on a background with the YUV color 117.2310, -19.8339, 108.5454.



This preview shows how white text looks on a background with the YUV color 117.2310, -19.8339, 108.5454.

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

117.2310, -19.8339, 108.5454

Protanopia

130.4990, -13.5570, 8.3324

Deuteranopia

129.1520, -30.6409, 27.9307



Tritanopia

117.1510, -25.2174, 108.6156

Trichromacy



Original Color

117.2310, -19.8339, 108.5454

Protanomaly

125.8610, -15.7075, 44.8489

Deuteranomaly

124.7780, -26.5126, 57.1997

Tritanomaly

117.0200, -23.1809, 108.7305

Monochromacy



Original Color

117.2310, -19.8339, 108.5454

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0050, -7.3975, 39.4606

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2310, -19.8339, 108.5454 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(241, 62, 77)` looks like.

```
.text, #text, p{  
    color:rgb(241, 62, 77)  
}
```

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(241, 62, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 62, 77) }
```

Border

The CSS property to change the border of an element to YUV 117.2310, -19.8339, 108.5454 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(241, 62, 77) }
```


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

```
.border{ border-color:rgb(241, 62, 77) }
```

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

Here you see how a box with a 4 pixel rgb(241, 62, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 62, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 62, 77);  
box-shadow:4px 4px 4px 4px rgb(241, 62,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 117.2310, -19.8339, 108.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 62, 77) }
```

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

```
.background{ background-color: rgb(241, 62,  
77) }
```

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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