

Converting Colors

YUV(103.5110, -27.8599,
116.1929)

Have a look what the booklet for
YUV(103.5110, -27.8599, 116.1929)
contains.

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Color

**YUV(103.5110, -27.8599,
116.1929)**

Conversions

Conversions Part 1

Format	Color
Hex	EC2F2F
RGB	236, 47, 47
RGB Percent	93%, 18%, 18%
CMY	0.0745, 0.8157, 0.8157
CMYK	0.00, 0.80, 0.80, 0.07
HSL	0°, 83%, 55%
HSV	0°, 80%, 93%
XYZ	36.1217, 20.0711, 4.6596
YIQ	103.5110, 112.6440, 40.0680

Conversions

Conversions Part 2

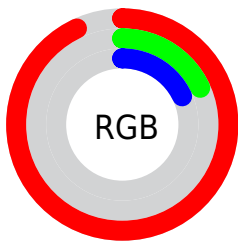
Format	Color
RYB	236, 47, 47
Decimal	15478575
CIELab	51.92, 69.42, 47.14
CIELCh	52, 83.916, 34.179
Yxy	20.0711, 0.5936, 0.3298
Android (android.graphics.Color)	4293668655 (0xFFEC2F2F)
YUV	103.5110, -27.8599, 116.1929
Hunter-Lab	44.8008, 65.5182, 25.1940

Details

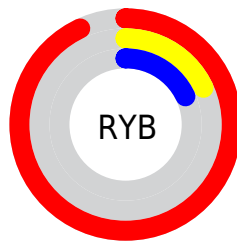
The YUV color **103.5110, -27.8599, 116.1929** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **179.4890, 27.8599, -116.1929**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2320, -28.2154, 90.1275**, and **51.2430, -24.7698, 105.0269** is the 20% darker color. If you saturate the color by 10%, you get **86.6870, -31.3977, 130.9475**, and if you desaturate by 10%, it is **120.3350, -24.3222, 101.4382**.

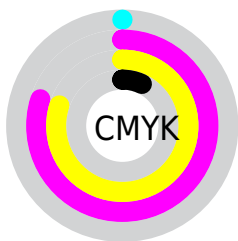
Distribution



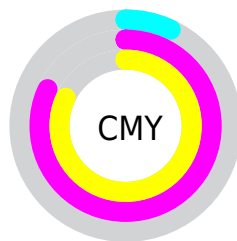
- Red (93%)
- Green (18%)
- Blue (18%)



- Red (93%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (7%)





- Cyan (7%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.5110, -27.8599, 116.1929 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 103.5110, -27.8599, 116.1929 by changing the saturation by 10% instead.


 103.5110,
-27.8599, 116.1929


 103.5110,
-27.8599, 116.1929


255.0000, 0.0000,
0.0000


 63.5470, -19.0037,
122.3003


 152.2320,
-28.2154, 90.1275


 51.2430, -24.7698,
105.0269


 172.1050,
-25.6878, 72.6989


 41.5610, -20.4896,
85.4540


 192.6790,
-23.0127, 54.6555

 31.9930, -15.7725,
65.7811

 212.7800,
-19.6115, 37.0269

 23.3650, -10.0399,
47.0379

 233.4680,
-16.4997, 18.8836

 13.9820, -5.9071,
28.0798

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 103.5110,
-27.8599, 116.1929

■ 103.5110,
-27.8599, 116.1929

■ 86.6870, -31.3977,
130.9475

■ 120.3350,
-24.3222, 101.4382

■ 70.5640, -34.7881,
145.0874


■ 136.4580,
-20.9318, 87.2983


■ 153.2820,
-17.3940, 72.5437

■ 169.4050,
-14.0037, 58.4038

■ 186.2290,
-10.4659, 43.6492

■ 203.0530, -6.9281,
28.8945

 219.1760, -3.5378,
14.7546

 236.0000, 0.0000,
0.0000

 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



86.5930, 14.9907, 138.9229



103.5110, -27.8599, 116.1929



114.9670, -56.6787, 72.8199

Triad

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



103.5110, -27.8599, 116.1929



94.3200, -19.3848, -82.7186



105.9670, 73.4733, -92.9331

Complementary

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



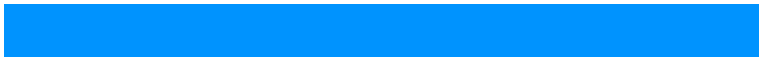
103.5110, -27.8599, 116.1929



179.4890, 27.8599, -116.1929

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.



115.2450, 68.4062, -101.0699



103.5110, -27.8599, 116.1929



104.8590, 13.3805, -91.9613

Square

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



103.5110, -27.8599, 116.1929



101.6040, -50.0908, -33.8557



113.0670, 44.8300, -99.1598



124.6140, 59.3503, 3.8465

Rectangle

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



103.5110, -27.8599, 116.1929



116.5300, -57.4493, 39.8772



113.0670, 44.8300, -99.1598



110.0760, 71.4475, -96.5367

Sweetspot

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



103.5110, -27.8599, 116.1929



212.2390, -8.9918, 37.5014



125.0570, 54.6949, 97.2970



102.0630, -5.4541, 22.7467



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.



103.5110, -27.8599, 116.1929



83.2550, -36.1147, 150.6204



159.2760, -55.3521, 67.2869



109.2890, -1.6215, 6.7625



54.1190, -26.6807, 111.2746



16.1460, -7.9600, 33.1980

Inverse Universe

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



179.4890, 27.8599, -116.1929



181.7450, 36.1147, -150.6204



124.3110, 55.0627, -67.8017



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Previews

White Background



This preview shows how the YUV color 103.5110, -27.8599, 116.1929 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 103.5110, -27.8599, 116.1929 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 103.5110, -27.8599, 116.1929 Background



This preview shows how black text looks on a background with the YUV color 103.5110, -27.8599, 116.1929.



This preview shows how white text looks on a background with the YUV color 103.5110, -27.8599, 116.1929.

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

103.5110, -27.8599, 116.1929

Protanopia

121.5030, -26.3770, 13.5909

Deuteranopia

119.4440, -43.6029, 32.0596



Tritanopia

103.5110, -27.8599, 116.1929

Trichromacy



Original Color

103.5110, -27.8599, 116.1929

Protanomaly

114.9190, -27.0751, 50.9370

Deuteranomaly

113.5370, -37.7327, 62.6731

Tritanomaly

103.5110, -27.8599, 116.1929

Monochromacy



Original Color

103.5110, -27.8599, 116.1929

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6310, -10.1711, 42.4196

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5110, -27.8599, 116.1929 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(236, 47, 47)` looks like.

```
.text, #text, p{  
    color:rgb(236, 47, 47)  
}
```

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(236, 47, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 47, 47) }
```

Border

The CSS property to change the border of an element to YUV 103.5110, -27.8599, 116.1929 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(236, 47, 47) }
```


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

```
.border{ border-color:rgb(236, 47, 47) }
```

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

Here you see how a box with a 4 pixel rgb(236, 47, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 47, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 47, 47);  
box-shadow:4px 4px 4px 4px rgb(236, 47,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 103.5110, -27.8599, 116.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 47, 47) }
```

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

```
.background{ background-color: rgb(236, 47,  
47) }
```

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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