

Converting Colors

YUV(98.3470, -18.9051,
137.3847)

Have a look what the booklet for
YUV(98.3470, -18.9051, 137.3847)
contains.

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Color

**YUV(98.3470, -18.9051,
137.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1A3C
RGB	255, 26, 60
RGB Percent	100%, 10%, 24%
CMY	0.0000, 0.8980, 0.7647
CMYK	0.00, 0.90, 0.76, 0.00
HSL	351°, 100%, 55%
HSV	351°, 90%, 100%
XYZ	42.4250, 22.3250, 6.3481
YIQ	98.3470, 125.5700, 59.1220

Conversions

Conversions Part 2

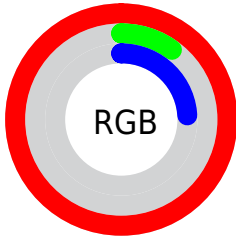
Format	Color
R_{YB}	255, 26, 60
Decimal	16718396
CIE _{Lab}	54.37, 78.80, 43.78
CIE _{LCh}	54, 90.142, 29.054
Yxy	22.3250, 0.5967, 0.3140
Android (android.graphics.Color)	4294908476 (0xFFFF1A3C)
YUV	98.3470, -18.9051, 137.3847
Hunter-Lab	47.2494, 77.5880, 25.1088

Details

The YUV color **98.3470, -18.9051, 137.3847** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **182.6530, 18.9051, -137.3847**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6050, -20.5113, 92.4314**, and **58.4490, -20.4344, 114.4932** is the 20% darker color. If you saturate the color by 10%, you get **80.5770, -20.9905, 152.9690**, and if you desaturate by 10%, it is **115.5300, -16.5303, 122.3152**.

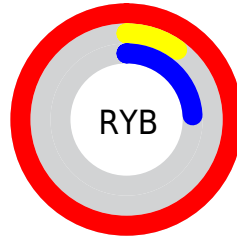
Distribution



Red (100%)

Green (10%)

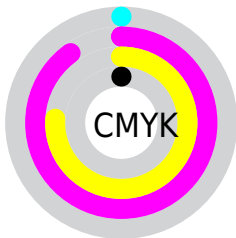
Blue (24%)



Red (100%)

Yellow (10%)

Blue (24%)

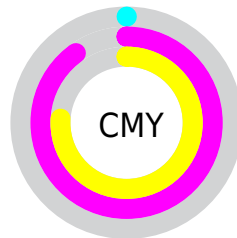


Cyan (0%)

Magenta (90%)

Yellow (76%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.3470, -18.9051, 137.3847 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 98.3470, -18.9051, 137.3847 by changing the saturation by 10% instead.


 98.3470, -18.9051,
137.3847


 98.3470, -18.9051,
137.3847


255.0000, 0.0000,
0.0000


 70.7100, -16.1260,
132.6813


 149.6050,
-20.5113, 92.4314


 58.4490, -20.4344,
114.4932


 170.6520,
-18.5624, 73.9732


 46.6440, -22.9955,
95.9052


 191.2260,
-15.8874, 55.9298

 36.8910, -17.6943,
75.5176

 212.0280,
-12.3388, 37.6864

 27.8500, -12.2510,
56.2596

 233.3030, -9.5164,
19.0283

 18.5810, -7.6814,
37.2015

 253.6320, -5.2416,

 7.2900, -3.1010,

1.1997

14.6547

■ 0.0000, 0.0000,
0.0000

■ 98.3470, -18.9051,
137.3847

■ 98.3470, -18.9051,
137.3847

■ 80.5770, -20.9905,
152.9690

■ 115.5300,
-16.5303, 122.3152

■ 133.1860,
-14.8817, 106.8309

■ 150.3690,
-12.5069, 91.7614

■ 168.1390,
-10.4215, 76.1771

■ 185.3220, -8.0467,
61.1076

■ 202.9780, -6.3982,
45.6233

■ 220.1610, -4.0234,
30.5538

■ 237.9310, -1.9380,
14.9695

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



91.7490, 21.8157, 143.1711



98.3470, -18.9051, 137.3847



118.5990, -58.4693, 87.1747

Triad

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



98.3470, -18.9051, 137.3847



96.6050, -28.3993, -84.7226



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.



98.3470, -18.9051, 137.3847



182.6530, 18.9051, -137.3847

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.



121.2290, 65.9491, -106.3178



98.3470, -18.9051, 137.3847



108.7570, 8.0078, -95.3799

Square

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



98.3470, -18.9051, 137.3847



110.5080, -54.4804, -25.8785



118.3500, 42.2255, -103.7929



125.3340, 63.9253, -16.9559

Rectangle

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



98.3470, -18.9051, 137.3847



123.0970, -60.6868, 51.6579



118.3500, 42.2255, -103.7929



115.9460, 68.5536, -101.6846

Sweetspot

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



98.3470, -18.9051, 137.3847



207.7710, -5.8031, 41.4198



110.4110, 71.2824, 96.9866



99.9430, -3.4229, 24.6060



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.



98.3470, -18.9051, 137.3847



80.5770, -20.9905, 152.9690



141.4310, -56.9075, 99.6000



119.1150, -1.0427, 7.7921



60.3010, -15.9244, 114.6230



20.1620, -5.5029, 38.4459

Inverse Universe

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



98.3470, -18.9051, 137.3847



80.5770, -20.9905, 152.9690



139.5690, 56.9075, -99.6000



119.1150, -1.0427, 7.7921



60.3010, -15.9244, 114.6230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 98.3470, -18.9051, 137.3847 looks on a white background.

Color Contrast Check

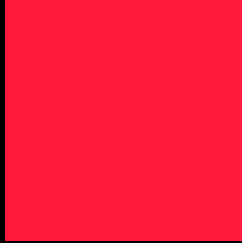
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.3470, -18.9051, 137.3847 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 98.3470, -18.9051, 137.3847

Background



This preview shows how black text looks on a background with the YUV color 98.3470, -18.9051, 137.3847.



This preview shows how white text looks on a background with the YUV color 98.3470, -18.9051,

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

98.3470, -18.9051, 137.3847

Protanopia

129.3160, -19.3828, 10.2469

Deuteranopia

126.6550, -40.2559, 31.8746



Tritanopia

99.2100, -34.6135, 135.7508

Trichromacy



Original Color

98.3470, -18.9051, 137.3847

Protanomaly

118.0150, -19.2344, 56.1148

Deuteranomaly

115.9600, -32.5183, 70.1951

Tritanomaly

98.7030, -28.9406, 136.1955

Monochromacy



Original Color

98.3470, -18.9051, 137.3847

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1850, -6.9932, 49.8268

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3470, -18.9051, 137.3847 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(255, 26, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 60)  
}
```

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(255, 26, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 60) }
```

Border

The CSS property to change the border of an element to YUV 98.3470, -18.9051, 137.3847 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(255, 26, 60) }
```


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

```
.border{ border-color:rgb(255, 26, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 98.3470, -18.9051, 137.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 60) }
```

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

```
.background{ background-color: rgb(255, 26,  
60) }
```

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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