

Converting Colors

YUV(106.7130, -27.4665,
130.0477)

Have a look what the booklet for
YUV(106.7130, -27.4665, 130.0477)
contains.

YUV(106.7130, -27.4665, 130.0477)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.7130, -27.4665,
130.0477)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2A33
RGB	255, 42, 51
RGB Percent	100%, 16%, 20%
CMY	0.0000, 0.8353, 0.8000
CMYK	0.00, 0.84, 0.80, 0.00
HSL	357°, 100%, 58%
HSV	357°, 84%, 100%
XYZ	42.6655, 23.1549, 5.3526
YIQ	106.7130, 124.0590, 47.9550

Conversions

Conversions Part 2

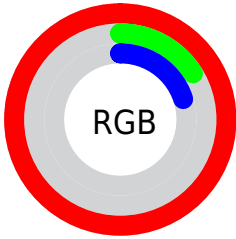
Format	Color
RYB	255, 42, 51
Decimal	16722483
CIELab	55.23, 75.81, 49.55
CIELCh	55, 90.563, 33.169
Yxy	23.1549, 0.5995, 0.3253
Android (android.graphics.Color)	4294912563 (0xFFFF2A33)
YUV	106.7130, -27.4665, 130.0477
Hunter-Lab	48.1196, 74.0588, 27.0886

Details

The YUV color **106.7130, -27.4665, 130.0477** 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 **190.2870, 27.4665, -130.0477**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6880, -26.4682, 89.7276**, and **57.1950, -25.2391, 115.5930** is the 20% darker color. If you saturate the color by 10%, you get **88.7150, -30.4255, 145.8319**, and if you desaturate by 10%, it is **124.1240, -24.2181, 114.7783**.

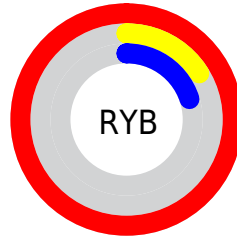
Distribution



Red (100%)

Green (16%)

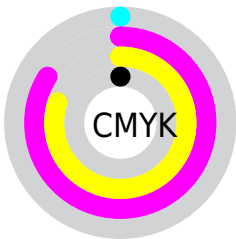
Blue (20%)



Red (100%)

Yellow (16%)

Blue (20%)

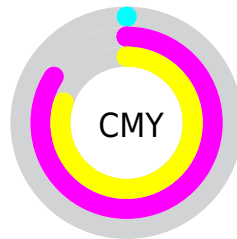


Cyan (0%)

Magenta (84%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.7130, -27.4665, 130.0477 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 106.7130, -27.4665, 130.0477 by changing the saturation by 10% instead.


 106.7130,
-27.4665, 130.0477


 106.7130,
-27.4665, 130.0477


255.0000, 0.0000,
0.0000


 69.5700, -20.4940,
133.6811


 152.6880,
-26.4682, 89.7276


 57.1950, -25.2391,
115.5930


 173.1480,
-24.2300, 71.7842


 46.6440, -22.9955,
95.9052


 193.7220,
-21.5549, 53.7408

 36.7770, -18.1311,
75.6176

 214.4100,
-18.4431, 35.5974

 27.8500, -12.2510,
56.2596

 235.2120,
-14.8945, 17.3541

 18.5810, -7.6814,
37.2015

 252.4920, -9.6096,

 7.5890, -3.2484,

2.1995

15.2694

■ 0.0000, 0.0000,
0.0000

■ 106.7130,
-27.4665, 130.0477

■ 106.7130,
-27.4665, 130.0477

■ 88.7150, -30.4255,
145.8319

■ 124.1240,
-24.2181, 114.7783

■ 77.4990, -32.7840,
155.6684

■ 142.2360,
-20.8223, 98.8940

■ 160.2340,
-17.8634, 83.1098

■ 177.7590,
-14.1782, 67.7404

■ 195.7570,
-11.2192, 51.9561

213.2820, -7.5340,
36.5867

231.2800, -4.5750,
20.8024

248.6910, -1.3267,
5.5330

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.



90.8370, 18.3214, 143.9710



106.7130, -27.4665, 130.0477



122.3980, -60.3422, 81.2120

Triad

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



106.7130, -27.4665, 130.0477



100.0760, -22.7155, -87.7667



111.8370, 70.5794, -98.0810

Complementary

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



106.7130, -27.4665, 130.0477



190.2870, 27.4665, -130.0477

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.



121.8160, 65.6597, -106.8326



106.7130, -27.4665, 130.0477



112.1140, 13.2548, -98.3240

Square

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



106.7130, -27.4665, 130.0477



108.9690, -53.7217, -35.9298



121.0060, 47.3250, -106.1223



130.7600, 61.2503, 1.0875

Rectangle

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



106.7130, -27.4665, 130.0477



124.8250, -61.5387, 44.8805



121.0060, 47.3250, -106.1223



115.9460, 68.5536, -101.6846

Sweetspot

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



106.7130, -27.4665, 130.0477



210.4780, -8.1237, 39.0458



126.6800, 63.2618, 102.8896



100.8890, -4.8753, 23.7763



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.



106.7130, -27.4665, 130.0477



77.4990, -32.7840, 155.6684



162.0390, -59.1792, 81.5268



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Inverse Universe

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



106.7130, -27.4665, 130.0477



77.4990, -32.7840, 155.6684



134.9610, 59.1792, -81.5268



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 106.7130, -27.4665, 130.0477 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 106.7130, -27.4665, 130.0477 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 106.7130, -27.4665, 130.0477 Background



This preview shows how black text looks on a background with the YUV color 106.7130, -27.4665, 130.0477.



This preview shows how white text looks on a background with the YUV color 106.7130, -27.4665, 130.0477.

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

106.7130, -27.4665, 130.0477

Protanopia

130.3890, -26.8138, 13.6908

Deuteranopia

127.6570, -46.6659, 34.5038



Tritanopia

106.8610, -31.9765, 129.9179

Trichromacy



Original Color

106.7130, -27.4665, 130.0477

Protanomaly

121.9520, -27.0913, 56.1701

Deuteranomaly

119.8260, -39.3542, 69.4356

Tritanomaly

106.6160, -30.3767, 130.1328

Monochromacy



Original Color

106.7130, -27.4665, 130.0477

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7780, -9.7506, 47.5527

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7130, -27.4665, 130.0477 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, 42, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 42, 51)  
}
```

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, 42, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 42, 51) }
```

Border

The CSS property to change the border of an element to YUV 106.7130, -27.4665, 130.0477 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, 42, 51) }
```


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

```
.border{ border-color:rgb(255, 42, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 42, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 42, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 42, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 42,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 106.7130, -27.4665, 130.0477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 42, 51) }
```

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

```
.background{ background-color: rgb(255, 42,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor