

# Converting Colors

YUV(106.1770, -34.5973,  
130.5178)

Have a look what the booklet for  
YUV(106.1770, -34.5973, 130.5178)  
contains.

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# Color

**YUV(106.1770, -34.5973,  
130.5178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2C24
RGB	255, 44, 36
RGB Percent	100%, 17%, 14%
CMY	0.0000, 0.8275, 0.8588
CMYK	0.00, 0.83, 0.86, 0.00
HSL	2°, 100%, 57%
HSV	2°, 86%, 100%
XYZ	42.4591, 23.1887, 3.9071
YIQ	106.1770, 128.3240, 42.2440

# Conversions

## Conversions Part 2

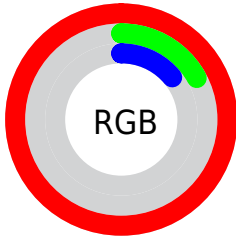
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 44, 36
Decimal	16722980
CIE <sub>Lab</sub>	55.27, 75.04, 56.91
CIE <sub>LCh</sub>	55, 94.176, 37.175
Yxy	23.1887, 0.6104, 0.3334
Android (android.graphics.Color)	4294913060 (0xFFFF2C24)
YUV	106.1770, -34.5973, 130.5178
Hunter-Lab	48.1547, 73.1169, 28.8977

# Details

The YUV color **106.1770, -34.5973, 130.5178** 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 **184.8230, 34.5973, -130.5178**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6790, -32.8727, 90.6125**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **88.5380, -38.7192, 145.9872**, and if you desaturate by 10%, it is **123.7020, -30.9121, 115.1483**.

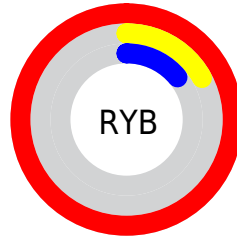
# Distribution



Red (100%)

Green (17%)

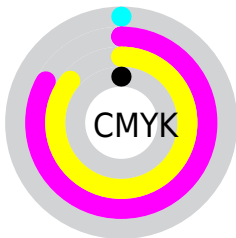
Blue (14%)



Red (100%)

Yellow (17%)

Blue (14%)

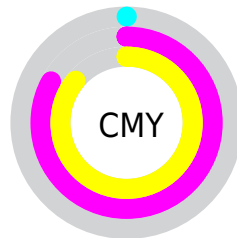


Cyan (0%)

Magenta (83%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (83%)


Yellow (86%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 106.1770, -34.5973, 130.5178 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 106.1770, -34.5973, 130.5178 by changing the saturation by 10% instead.





 106.1770,  
-34.5973, 130.5178


 106.1770,  
-34.5973, 130.5178


255.0000, 0.0000,  
0.0000


 67.2190, -28.2090,  
134.8659


 151.6790,  
-32.8727, 90.6125


 56.2120, -27.7125,  
115.5781


 172.1390,  
-30.6345, 72.6691


 46.3450, -22.8481,  
95.2904


 192.7130,  
-27.9595, 54.6257

 36.7770, -18.1311,  
75.6176

 213.4010,  
-24.8477, 36.4823

 27.5510, -12.1036,  
55.6448

 234.0890,  
-21.7359, 18.3389


 18.5810, -7.6814,  
37.2015

 250.7820,


 7.2900, -3.1010,


-16.1615, 3.6992


14.6547


 254.0880, -3.4944,  
0.7998


 0.0000, 0.0000,  
0.0000


 106.1770,  
-34.5973, 130.5178


 106.1770,  
-34.5973, 130.5178


 88.5380, -38.7192,  
145.9872

 123.7020,  
-30.9121, 115.1483

 81.5280, -40.1933,  
152.1349

 140.7540,  
-26.5007, 100.1937

 158.2790,  
-22.8155, 84.8243

 175.3310,  
-18.4042, 69.8697

 192.8560,  
-14.7190, 54.5003

209.9080,  
-10.3076, 39.5457

227.4330, -6.6225,  
24.1763

245.0720, -2.5005,  
8.7069

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.



89.5830, 13.5166, 145.0707



106.1770, -34.5973, 130.5178



123.2510, -60.7627, 76.0789

# Triad

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



106.1770, -34.5973, 130.5178



102.2760, -19.3631, -89.6961



110.0760, 71.4475, -96.5367

# Complementary

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



106.1770, -34.5973, 130.5178



184.8230, 34.5973, -130.5178

# 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



106.1770, -34.5973, 130.5178



114.0690, 18.2070, -100.0385

# Square

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



106.1770, -34.5973, 130.5178



102.0700, -50.3205, -53.5584



123.0750, 52.7140, -107.9368



131.4460, 60.9121, 16.2719



# Rectangle

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



106.1770, -34.5973, 130.5178



124.7810, -61.5170, 37.9031



123.0750, 52.7140, -107.9368



114.7720, 69.1324, -100.6550

# Sweetspot

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



106.1770, -34.5973, 130.5178



209.9080, -10.3076, 39.5457



125.6490, 60.3190, 113.4408



100.5470, -6.1857, 24.0763



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.



106.1770, -34.5973, 130.5178



81.5280, -40.1933, 152.1349



170.1600, -66.1409, 74.4047



118.8870, -1.9163, 7.9921



61.2180, -30.1805, 113.8188



20.3100, -10.0128, 38.3161



# Inverse Universe

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



184.8230, 34.5973, -130.5178



173.4720, 40.1933, -152.1349



120.8400, 66.1409, -74.4047



123.5260, 2.2057, -7.4773



129.7820, 30.1805, -113.8188



43.1030, 10.3022, -37.8013



# Previews

## White Background



This preview shows how the YUV color 106.1770, -34.5973, 130.5178 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 106.1770, -34.5973, 130.5178 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 106.1770, -34.5973, 130.5178 Background



This preview shows how black text looks on a background with the YUV color 106.1770, -34.5973, 130.5178.



This preview shows how white text looks on a background with the YUV color 106.1770, -34.5973, 130.5178.



# 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

106.1770, -34.5973, 130.5178

### Protanopia

128.8210, -35.4078, 16.8200

### Deuteranopia

124.1940, -61.2276, 38.4179



## Tritanopia

106.8610, -31.9765, 129.9179

# Trichromacy



## Original Color

106.1770, -34.5973, 130.5178

## Protanomaly

120.7860, -35.3905, 58.0697

## Deuteranomaly

117.6340, -51.5846, 72.2350

## Tritanomaly

106.6330, -32.8501, 130.1179

# Monochromacy



## Original Color

106.1770, -34.5973, 130.5178

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

105.7950, -12.2239, 47.5378

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.1770, -34.5973, 130.5178 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, 44, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 44, 36)  
}
```

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, 44, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 44, 36) }
```

## Border

The CSS property to change the border of an element to YUV 106.1770, -34.5973, 130.5178 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, 44, 36) }
```



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

```
.border{ border-color:rgb(255, 44, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 44, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 44, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 44, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 44,  
36) }
```

# Background

The CSS property to change the background color of an element to YUV 106.1770, -34.5973, 130.5178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 44, 36) }
```

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

```
.background{ background-color: rgb(255, 44,  
36) }
```

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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