

Converting Colors

YUV(120.0380, -27.1337,
116.6077)

Have a look what the booklet for
YUV(120.0380, -27.1337, 116.6077)
contains.

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Color

**YUV(120.0380, -27.1337,
116.6077)**

Conversions

Conversions Part 1

Format	Color
Hex	FD3F41
RGB	253, 63, 65
RGB Percent	99%, 25%, 25%
CMY	0.0078, 0.7529, 0.7451
CMYK	0.00, 0.75, 0.74, 0.01
HSL	359°, 98%, 62%
HSV	359°, 75%, 99%
XYZ	43.2397, 24.8193, 7.5127
YIQ	120.0380, 112.5980, 40.9020

Conversions

Conversions Part 2

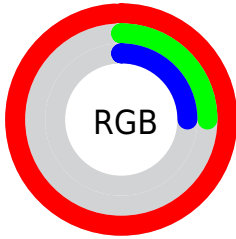
Format	Color
R_{YB}	253, 63, 65
Decimal	16596801
CIE Lab	56.90, 70.33, 43.66
CIE LCh	57, 82.778, 31.830
Yxy	24.8193, 0.5722, 0.3284
Android (android.graphics.Color)	4294786881 (0xFFFD3F41)
YUV	120.0380, -27.1337, 116.6077
Hunter-Lab	49.8190, 67.7432, 25.9324

Details

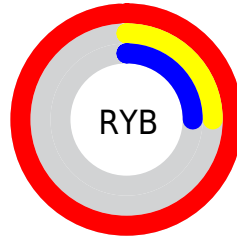
The YUV color **120.0380, -27.1337, 116.6077** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **195.9620, 27.1337, -116.6077**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6160, -23.9677, 81.0208**, and **58.6060, -18.5398, 113.4785** is the 20% darker color. If you saturate the color by 10%, you get **102.5130, -30.8189, 131.9771**, and if you desaturate by 10%, it is **137.5630, -23.4486, 101.2382**.

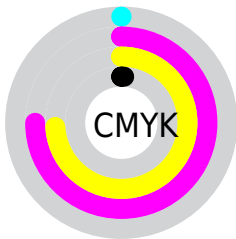
Distribution



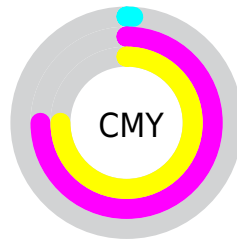
- Red (99%)
- Green (25%)
- Blue (25%)



- Red (99%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (1%)





- Cyan (1%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.0380, -27.1337, 116.6077 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 120.0380, -27.1337, 116.6077 by changing the saturation by 10% instead.


 120.0380,
-27.1337, 116.6077


 120.0380,
-27.1337, 116.6077


255.0000, 0.0000,
0.0000

 82.8950, -20.1612,
120.2411


 162.6160,
-23.9677, 81.0208


 58.6060, -18.5398,
113.4785


 182.4890,
-21.4401, 63.5921

 46.6440, -22.9955,
95.9052


 202.5900,
-18.0389, 45.9636

 37.0760, -18.2785,
76.2323

 223.2780,
-14.9271, 27.8202

 27.7360, -12.6878,
56.3595

 244.0800,
-11.3784, 9.5768

 19.1790, -7.9762,
38.4310

 254.4300, -2.1840,

 8.1870, -3.5432,

0.4999

16.4990

■ 0.0000, 0.0000,
0.0000

■ 120.0380,
-27.1337, 116.6077

■ 120.0380,
-27.1337, 116.6077

■ 102.5130,
-30.8189, 131.9771

■ 137.5630,
-23.4486, 101.2382

■ 84.4010, -34.2147,
147.8613

■ 155.6750,
-20.0528, 85.3540

■ 75.9890, -35.9836,
155.2386

■ 173.2000,
-16.3676, 69.9846

■ 190.7250,
-12.6824, 54.6152

■ 208.2500, -8.9972,
39.2458

■ 226.3620, -5.6015,
23.3615

■ 243.8870, -1.9163,
7.9921

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



111.0060, 11.8290, 126.2827



120.0380, -27.1337, 116.6077



126.5180, -62.3734, 79.3527

Triad

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



120.0380, -27.1337, 116.6077



102.7490, -20.0893, -90.1109



114.1850, 69.4218, -100.1402

Complementary

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



120.0380, -27.1337, 116.6077



195.9620, 27.1337, -116.6077

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.



123.5770, 64.7915, -108.3770



120.0380, -27.1337, 116.6077



113.8750, 12.3866, -99.8684

Square

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



120.0380, -27.1337, 116.6077



115.8240, -57.1012, -25.2786



122.0830, 43.8361, -107.0668



136.6410, 58.3510, -2.3162

Rectangle

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



120.0380, -27.1337, 116.6077



128.9670, -63.5807, 46.5099



122.0830, 43.8361, -107.0668



118.2940, 67.3961, -103.7438

Sweetspot

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



120.0380, -27.1337, 116.6077



213.7550, -8.2602, 36.1719



140.5730, 55.4265, 95.9675



102.7640, -5.3067, 22.1320



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.



120.0380, -27.1337, 116.6077



94.1120, -32.5932, 141.0988



173.8140, -54.6313, 69.4461



118.8870, -1.9163, 7.9921



57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Inverse Universe

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



120.0380, -27.1337, 116.6077



94.1120, -32.5932, 141.0988



142.1860, 54.6313, -69.4461



118.8870, -1.9163, 7.9921



57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 120.0380, -27.1337, 116.6077 looks on a white background.

Color Contrast Check

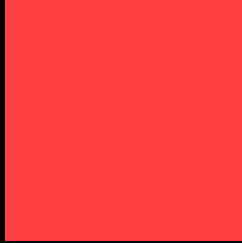
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0380, -27.1337, 116.6077 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 120.0380, -27.1337, 116.6077 Background



This preview shows how black text looks on a background with the YUV color 120.0380, -27.1337, 116.6077.



This preview shows how white text looks on a background with the YUV color 120.0380, -27.1337, 116.6077.

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

120.0380, -27.1337, 116.6077

Protanopia

135.1160, -22.7352, 12.1763

Deuteranopia

133.1820, -39.5297, 32.2894



Tritanopia

120.0380, -27.1337, 116.6077

Trichromacy



Original Color

120.0380, -27.1337, 116.6077

Protanomaly

129.6030, -24.4543, 50.3372

Deuteranomaly

128.5200, -35.2594, 62.6880

Tritanomaly

120.0380, -27.1337, 116.6077

Monochromacy



Original Color

120.0380, -27.1337, 116.6077

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7450, -9.7343, 42.3196

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0380, -27.1337, 116.6077 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(253, 63, 65)` looks like.

```
.text, #text, p{  
    color:rgb(253, 63, 65)  
}
```

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(253, 63, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 63, 65) }
```

Border

The CSS property to change the border of an element to YUV 120.0380, -27.1337, 116.6077 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(253, 63, 65) }
```


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

```
.border{ border-color:rgb(253, 63, 65) }
```

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

Here you see how a box with a 4 pixel rgb(253, 63, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 63, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 63, 65);  
box-shadow:4px 4px 4px 4px rgb(253, 63,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 120.0380, -27.1337, 116.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 63, 65) }
```

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

```
.background{ background-color: rgb(253, 63,  
65) }
```

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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