

Converting Colors

YUV(127.4520, -31.7748,
111.8596)

Have a look what the booklet for
YUV(127.4520, -31.7748, 111.8596)
contains.

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Color

**YUV(127.4520, -31.7748,
111.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4B3F
RGB	255, 75, 63
RGB Percent	100%, 29%, 25%
CMY	0.0000, 0.7059, 0.7529
CMYK	0.00, 0.71, 0.75, 0.00
HSL	4°, 100%, 62%
HSV	4°, 75%, 100%
XYZ	44.6533, 26.6510, 7.4933
YIQ	127.4520, 111.1320, 34.4280

Conversions

Conversions Part 2

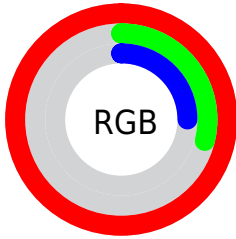
Format	Color
RYB	255, 76, 63
Decimal	16730943
CIELab	58.65, 66.93, 46.75
CIELCh	59, 81.637, 34.933
Yxy	26.6510, 0.5667, 0.3382
Android (android.graphics.Color)	4294921023 (0xFFFF4B3F)
YUV	127.4520, -31.7748, 111.8596
Hunter-Lab	51.6246, 64.0523, 27.5313

Details

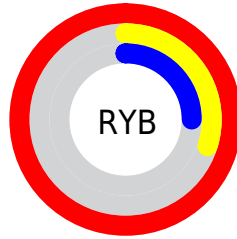
The YUV color **127.4520, -31.7748, 111.8596** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **190.5480, 31.7748, -111.8596**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6710, -27.4458, 76.5875**, and **58.7480, -20.5818, 115.1080** is the 20% darker color. If you saturate the color by 10%, you get **110.4000, -36.1862, 126.8142**, and if you desaturate by 10%, it is **144.5040, -27.3635, 96.9050**.

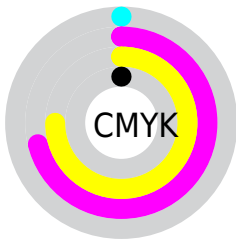
Distribution



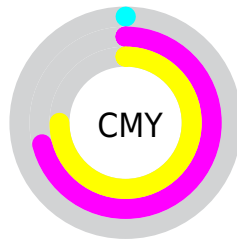
- Red (100%)
- Green (29%)
- Blue (25%)



- Red (100%)
- Yellow (30%)
- Blue (25%)



- Cyan (0%)
- Magenta (71%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.4520, -31.7748, 111.8596 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 127.4520, -31.7748, 111.8596 by changing the saturation by 10% instead.


 127.4520,
-31.7748, 111.8596

 127.4520,
-31.7748, 111.8596


255.0000, 0.0000,
0.0000


 95.0050, -27.1175,
111.3746


 167.6710,
-27.4458, 76.5875

 58.7480, -20.5818,
115.1080


 187.6580,
-24.4814, 59.0589

 47.2420, -23.2903,
97.1348


 207.6450,
-21.5170, 41.5303

 37.6740, -18.5733,
77.4619

 228.4470,
-17.9684, 23.2870

 28.5190, -13.5669,
58.3038

 249.2490,
-14.4198, 5.0436

 20.0760, -8.4185,
40.2753

 254.2020, -3.0576,

 9.6820, -4.2802,

0.6998

19.5729

■ 0.0000, 0.0000,
0.0000

■ 127.4520,
-31.7748, 111.8596

■ 127.4520,
-31.7748, 111.8596

■ 110.4000,
-36.1862, 126.8142

■ 144.5040,
-27.3635, 96.9050

■ 93.4620, -40.1608,
141.6688

■ 161.4420,
-23.3889, 82.0504

■ 85.6370, -42.2190,
148.5314

■ 178.4940,
-18.9775, 67.0958

■ 195.4320,
-15.0030, 52.2411

■ 212.4840,
-10.5916, 37.2865

■ 228.8350, -6.3277,
22.9467

■ 245.8870, -1.9163,
7.9921

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.



118.2950, 6.7566, 119.8903



127.4520, -31.7748, 111.8596



131.8010, -64.9779, 74.7195

Triad

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



127.4520, -31.7748, 111.8596



107.2800, -15.4210, -94.0846



115.3590, 68.8430, -101.1698

Complementary

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



127.4520, -31.7748, 111.8596



190.5480, 31.7748, -111.8596

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.



125.3380, 63.9234, -109.9214



127.4520, -31.7748, 111.8596



118.1780, 16.1812, -103.6421

Square

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



127.4520, -31.7748, 111.8596



118.1500, -58.2480, -30.8266



125.6850, 47.4833, -110.2257



142.6100, 55.4083, 8.2350

Rectangle

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



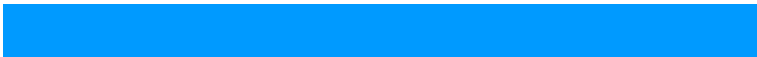
127.4520, -31.7748, 111.8596



132.7770, -65.4591, 42.2916



125.6850, 47.4833, -110.2257



119.4680, 66.8173, -104.7734

Sweetspot

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



127.4520, -31.7748, 111.8596



215.9890, -9.8546, 34.2126



141.1560, 51.1951, 99.8412



103.9380, -5.8854, 21.1024



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.



127.4520, -31.7748, 111.8596



102.5750, -38.2445, 133.6767



182.6300, -58.9776, 63.4685



119.4740, -2.2057, 7.4773



64.1530, -31.6274, 111.2448



21.4840, -10.5916, 37.2865

Inverse Universe

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



190.5480, 31.7748, -111.8596



178.0120, 37.9551, -134.1915



135.3700, 58.9776, -63.4685



123.5260, 2.2057, -7.4773



126.8470, 31.6274, -111.2448



42.5160, 10.5916, -37.2865

Previews

White Background



This preview shows how the YUV color 127.4520, -31.7748, 111.8596 looks on a white background.

Color Contrast Check

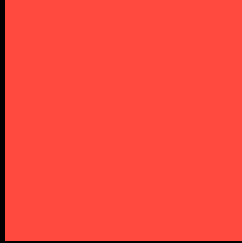
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.4520, -31.7748, 111.8596 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 127.4520, -31.7748, 111.8596 Background



This preview shows how black text looks on a background with the YUV color 127.4520, -31.7748, 111.8596.



This preview shows how white text looks on a background with the YUV color 127.4520, -31.7748, 111.8596.

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

127.4520, -31.7748, 111.8596

Protanopia

138.6880, -26.9612, 14.3056

Deuteranopia

137.0960, -42.4453, 34.1188



Tritanopia

128.4610, -25.3703, 110.9747

Trichromacy



Original Color

127.4520, -31.7748, 111.8596

Protanomaly

134.4520, -28.8168, 49.5926

Deuteranomaly

133.8960, -38.8957, 62.3582

Tritanomaly

127.8910, -27.5543, 111.4746

Monochromacy



Original Color

127.4520, -31.7748, 111.8596

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2780, -11.4761, 40.9752

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4520, -31.7748, 111.8596 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, 75, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 63)  
}
```

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, 75, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 63) }
```

Border

The CSS property to change the border of an element to YUV 127.4520, -31.7748, 111.8596 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, 75, 63) }
```


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

```
.border{ border-color:rgb(255, 75, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 63);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 127.4520, -31.7748, 111.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 63) }
```

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

```
.background{ background-color: rgb(255, 75,  
63) }
```

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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