

Converting Colors

YUV(122.7730, -31.9331,
115.9631)

Have a look what the booklet for
YUV(122.7730, -31.9331, 115.9631)
contains.

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Color

**YUV(122.7730, -31.9331,
115.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	FF443A
RGB	255, 68, 58
RGB Percent	100%, 27%, 23%
CMY	0.0000, 0.7333, 0.7725
CMYK	0.00, 0.73, 0.77, 0.00
HSL	3°, 100%, 61%
HSV	3°, 77%, 100%
XYZ	44.0708, 25.6997, 6.6407
YIQ	122.7730, 114.6620, 36.5340

Conversions

Conversions Part 2

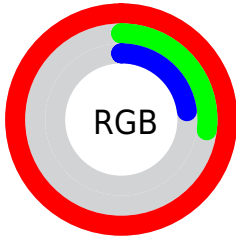
Format	Color
R_{YB}	255, 69, 58
Decimal	16729146
CIE _{Lab}	57.75, 69.11, 48.43
CIE _{LCh}	58, 84.387, 35.024
Yxy	25.6997, 0.5768, 0.3363
Android (android.graphics.Color)	4294919226 (0xFFFF443A)
YUV	122.7730, -31.9331, 115.9631
Hunter-Lab	50.6949, 66.4602, 27.7198

Details

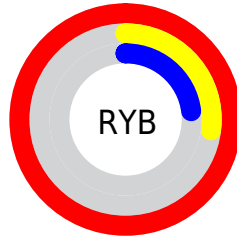
The YUV color **122.7730, -31.9331, 115.9631** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **190.2270, 31.9331, -115.9631**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1660, -28.1828, 79.6614**, and **57.8790, -22.6183, 114.9931** is the 20% darker color. If you saturate the color by 10%, you get **105.7210, -36.3445, 130.9177**, and if you desaturate by 10%, it is **139.7110, -27.9585, 101.1085**.

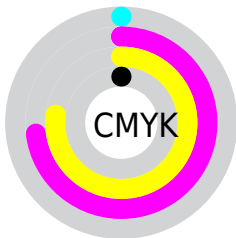
Distribution



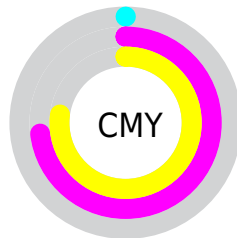
- Red (100%)
- Green (27%)
- Blue (23%)



- Red (100%)
- Yellow (27%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (77%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.7730, -31.9331, 115.9631 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 122.7730, -31.9331, 115.9631 by changing the saturation by 10% instead.


 122.7730,
-31.9331, 115.9631

 122.7730,
-31.9331, 115.9631


255.0000, 0.0000,
0.0000


 87.9780, -26.1182,
117.5373


 164.1660,
-28.1828, 79.6614

 57.8790, -22.6183,
114.9931


 184.0390,
-25.6552, 62.2328

 46.9430, -23.1429,
96.5200


 204.1400,
-22.2540, 44.6042

 37.3750, -18.4259,
76.8471

 224.8280,
-19.1422, 26.4608

 28.2200, -13.4195,
57.6891

 245.6300,
-15.5936, 8.2175

 19.7770, -8.2711,
39.6606

 253.5180, -5.6784,

 9.0840, -3.9854,

1.2997

18.3433

■ 0.0000, 0.0000,
0.0000

■ 122.7730,
-31.9331, 115.9631

■ 122.7730,
-31.9331, 115.9631

■ 105.7210,
-36.3445, 130.9177

■ 139.7110,
-27.9585, 101.1085

■ 88.7830, -40.3190,
145.7723

■ 156.7630,
-23.5472, 86.1538

■ 83.8760, -41.3509,
150.0757

■ 174.2880,
-19.8620, 70.7844

■ 191.3400,
-15.4506, 55.8298

■ 208.2780,
-11.4761, 40.9752

■ 225.3300, -7.0647,
26.0206

■ 242.2680, -3.0901,
11.1660

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.



108.6750, 10.5132, 128.3270



122.7730, -31.9331, 115.9631



129.1540, -63.6729, 76.1639

Triad

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



122.7730, -31.9331, 115.9631



105.5360, -17.0262, -92.5551



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.



122.7730, -31.9331, 115.9631



190.2270, 31.9331, -115.9631

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.



124.7510, 64.2128, -109.4066



122.7730, -31.9331, 115.9631



116.8900, 16.3232, -102.5125

Square

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



122.7730, -31.9331, 115.9631



115.1820, -56.7847, -33.4856



124.5110, 48.0621, -109.1961



139.6640, 56.8606, 9.0647

Rectangle

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



122.7730, -31.9331, 115.9631



130.7060, -64.4381, 41.4768



124.5110, 48.0621, -109.1961



118.2940, 67.3961, -103.7438

Sweetspot

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



122.7730, -31.9331, 115.9631



215.4020, -9.5652, 34.7274



138.2210, 52.6420, 102.4152



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.



122.7730, -31.9331, 115.9631



95.9070, -38.4082, 139.5246



180.2990, -60.2934, 65.5128



118.8870, -1.9163, 7.9921



62.9790, -31.0486, 112.2744



20.8970, -10.3022, 37.8013

Inverse Universe

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



190.2270, 31.9331, -115.9631



177.0930, 38.4082, -139.5246



132.7010, 60.2934, -65.5128



123.5260, 2.2057, -7.4773



128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 122.7730, -31.9331, 115.9631 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 122.7730, -31.9331, 115.9631 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 122.7730, -31.9331, 115.9631 Background



This preview shows how black text looks on a background with the YUV color 122.7730, -31.9331, 115.9631.



This preview shows how white text looks on a background with the YUV color 122.7730, -31.9331, 115.9631.

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

122.7730, -31.9331, 115.9631

Protanopia

136.3460, -28.2716, 14.6056

Deuteranopia

134.5260, -44.6293, 34.6187



Tritanopia

123.4400, -26.8389, 115.3781

Trichromacy



Original Color

122.7730, -31.9331, 115.9631

Protanomaly

131.2350, -29.6959, 51.5369

Deuteranomaly

130.2660, -40.0641, 63.7877

Tritanomaly

122.9840, -28.5861, 115.7780

Monochromacy



Original Color

122.7730, -31.9331, 115.9631

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8760, -11.7709, 42.2047

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7730, -31.9331, 115.9631 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, 68, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 58)  
}
```

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, 68, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 58) }
```

Border

The CSS property to change the border of an element to YUV 122.7730, -31.9331, 115.9631 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, 68, 58) }
```


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

```
.border{ border-color:rgb(255, 68, 58) }
```

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

Here you see how a box with a 4 pixel rgb(255, 68, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 122.7730, -31.9331, 115.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 58) }
```

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

```
.background{ background-color: rgb(255, 68,  
58) }
```

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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