

Converting Colors

YUV(95.2850, -31.6925,
132.1771)

Have a look what the booklet for
YUV(95.2850, -31.6925, 132.1771)
contains.

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Color

**YUV(95.2850, -31.6925,
132.1771)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F61F1F |
| RGB | 246, 31, 31 |
| RGB Percent | 96%, 12%, 12% |
| CMY | 0.0353, 0.8784, 0.8784 |
| CMYK | 0.00, 0.87, 0.87, 0.04 |
| HSL | 0°, 92%, 54% |
| HSV | 0°, 87%, 96% |
| XYZ | 38.7433, 20.6717, 3.2444 |
| YIQ | 95.2850, 128.1400, 45.5800 |

Conversions

Conversions Part 2

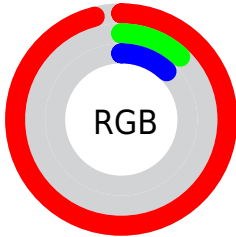
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 246, 31, 31 |
| Decimal | 16129823 |
| CIELab | 52.59, 75.09, 56.25 |
| CIELCh | 53, 93.823, 36.838 |
| Yxy | 20.6717, 0.6183, 0.3299 |
| Android (android.graphics.Color) | 4294319903 (0xFFFF61F1F) |
| YUV | 95.2850, -31.6925, 132.1771 |
| Hunter-Lab | 45.4662, 72.5404, 27.5955 |

Details

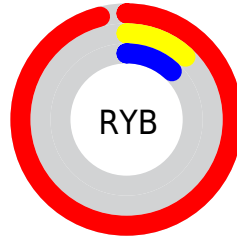
The YUV color **95.2850, -31.6925, 132.1771** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **181.7150, 31.6925, -132.1771**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2990, -33.1784, 95.3308**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **77.7600, -35.3777, 147.5465**, and if you desaturate by 10%, it is **112.8100, -28.0073, 116.8076**.

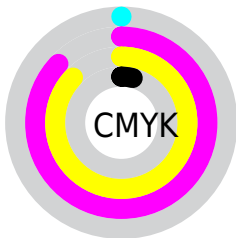
Distribution



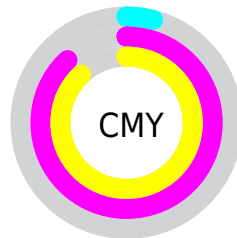
- Red (96%)
- Green (12%)
- Blue (12%)



- Red (96%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (87%)
- Yellow (87%)
- Black (4%)





- Cyan (4%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.2850, -31.6925, 132.1771 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 95.2850, -31.6925, 132.1771 by changing the saturation by 10% instead.


 95.2850, -31.6925,
132.1771

 95.2850, -31.6925,
132.1771


255.0000, 0.0000,
0.0000


 64.2570, -29.2137,
130.4476


 146.2990,
-33.1784, 95.3308

 53.8200, -26.5333,
110.6599


 166.7590,
-30.9402, 77.3874


 43.9530, -21.6688,
90.3722


 187.3330,
-28.2652, 59.3440

 34.2000, -16.3676,
69.9846

 208.0210,
-25.1534, 41.2006

 25.4580, -11.0718,
51.3413

 228.7090,
-22.0415, 23.0572

 15.7760, -6.7916,
31.7684

 249.5110,

 0.0000, 0.0000,

-18.4929, 4.8139

0.0000

253.4040, -6.1152,
1.3997

95.2850, -31.6925,
132.1771

95.2850, -31.6925,
132.1771

77.7600, -35.3777,
147.5465

112.8100,
-28.0073, 116.8076

73.5540, -36.2621,
151.2351

129.6340,
-24.4696, 102.0530

147.1590,
-20.7844, 86.6836

163.9830,
-17.2466, 71.9289

181.5080,
-13.5614, 56.5595

■ 199.0330, -9.8763,
41.1901

■ 215.8570, -6.3385,
26.4354

■ 233.3820, -2.6533,
11.0660

■ 250.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



88.8990, 10.8958, 145.6706



95.2850, -31.6925, 132.1771



116.4510, -57.4103, 74.1495

Triad

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



95.2850, -31.6925, 132.1771



96.7820, -20.1055, -84.8778



105.9670, 73.4733, -92.9331

Complementary

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



95.2850, -31.6925, 132.1771



181.7150, 31.6925, -132.1771

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.



117.7070, 67.6854, -103.2290



95.2850, -31.6925, 132.1771



108.4610, 17.0277, -95.1203

Square

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



95.2850, -31.6925, 132.1771



95.2700, -46.9681, -55.4878



117.4670, 51.5348, -103.0186



125.2330, 63.9751, 13.8277

Rectangle

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



95.2850, -31.6925, 132.1771



118.2800, -58.3120, 36.5884



117.4670, 51.5348, -103.0186



111.2500, 70.8688, -97.5662

Sweetspot

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



95.2850, -31.6925, 132.1771



208.7340, -9.7289, 40.5753



119.7950, 62.2191, 110.6818



99.9600, -5.8963, 24.5911



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.



95.2850, -31.6925, 132.1771



76.2450, -37.5888, 156.7681



158.6810, -62.9467, 76.5788



113.5880, -1.7689, 7.3773



55.6140, -27.4177, 114.3485



17.6410, -8.6970, 36.2718

Inverse Universe

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



181.7150, 31.6925, -132.1771



178.7550, 37.5888, -156.7681



118.9060, 62.6573, -77.0936



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Previews

White Background



This preview shows how the YUV color 95.2850, -31.6925, 132.1771 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 95.2850, -31.6925, 132.1771 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 95.2850, -31.6925, 132.1771

Background



This preview shows how black text looks on a background with the YUV color 95.2850, -31.6925, 132.1771.



This preview shows how white text looks on a background with the YUV color 95.2850, -31.6925,

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

95.2850, -31.6925, 132.1771

Protanopia

121.7500, -34.3867, 16.0053

Deuteranopia

117.9810, -58.1646, 35.9737



Tritanopia

95.3020, -34.1659, 132.1621

Trichromacy



Original Color

95.2850, -31.6925, 132.1771

Protanomaly

111.9540, -33.5013, 58.7993

Deuteranomaly

110.0190, -48.8164, 71.0203

Tritanomaly

95.5300, -33.2923, 131.9622

Monochromacy



Original Color

95.2850, -31.6925, 132.1771

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.3220, -11.4977, 47.9526

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2850, -31.6925, 132.1771 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(246, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(246, 31, 31)  
}
```

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(246, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 31, 31) }
```

Border

The CSS property to change the border of an element to YUV 95.2850, -31.6925, 132.1771 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(246, 31, 31) }
```


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

```
.border{ border-color:rgb(246, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(246, 31,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 95.2850, -31.6925, 132.1771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 31, 31) }
```

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

```
.background{ background-color: rgb(246, 31,  
31) }
```

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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