

Converting Colors

YUV(124.2340, -31.1744,
105.9118)

Have a look what the booklet for
YUV(124.2340, -31.1744, 105.9118)
contains.

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Color

**YUV(124.2340, -31.1744,
105.9118)**

Conversions

Conversions Part 1

Format	Color
Hex	F54B3D
RGB	245, 75, 61
RGB Percent	96%, 29%, 24%
CMY	0.0392, 0.7059, 0.7608
CMYK	0.00, 0.69, 0.75, 0.04
HSL	5°, 90%, 60%
HSV	5°, 75%, 96%
XYZ	41.0146, 24.7816, 7.0365
YIQ	124.2340, 105.8140, 31.6860

Conversions

Conversions Part 2

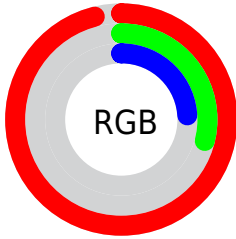
Format	Color
R_{YB}	245, 76, 61
Decimal	16075581
CIE _{Lab}	56.86, 63.78, 45.36
CIE _{LCh}	57, 78.264, 35.425
Yxy	24.7816, 0.5631, 0.3403
Android (android.graphics.Color)	4294265661 (0xFFFF54B3D)
YUV	124.2340, -31.1744, 105.9118
Hunter-Lab	49.7811, 59.9491, 26.4662

Details

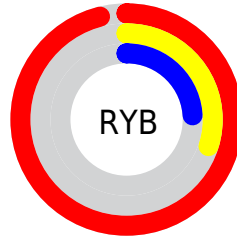
The YUV color **124.2340, -31.1744, 105.9118** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **181.7660, 31.1744, -105.9118**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8560, -28.0300, 77.3023**, and **55.6440, -19.5445, 109.0602** is the 20% darker color. If you saturate the color by 10%, you get **107.8830, -35.4383, 120.2516**, and if you desaturate by 10%, it is **140.5850, -26.9104, 91.5720**.

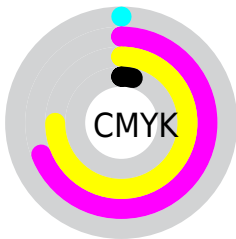
Distribution



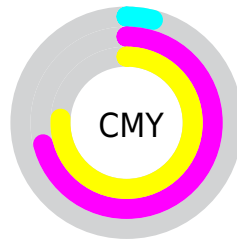
- Red (96%)
- Green (29%)
- Blue (24%)



- Red (96%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (75%)
- Black (4%)





- Cyan (4%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.2340, -31.1744, 105.9118 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 124.2340, -31.1744, 105.9118 by changing the saturation by 10% instead.


 124.2340,
-31.1744, 105.9118


 124.2340,
-31.1744, 105.9118


255.0000, 0.0000,
0.0000


 92.6730, -26.9538,
105.5268


 166.8560,
-28.0300, 77.3023


 55.6440, -19.5445,
109.0602


 186.7290,
-25.5024, 59.8737

 44.5510, -21.9636,
91.6018

 206.8300,
-22.1012, 42.2451

 34.9830, -17.2466,
71.9289

 226.9310,
-18.7000, 24.6165

 25.8280, -12.2402,
52.7708

 247.7330,
-15.1514, 6.3732

 17.5700, -7.6760,
35.4571

 253.9740, -3.9312,

 5.0830, -2.5059,

0.8998

10.4512

■ 0.0000, 0.0000,
0.0000

■ 124.2340,
-31.1744, 105.9118

■ 124.2340,
-31.1744, 105.9118

■ 107.8830,
-35.4383, 120.2516

■ 140.5850,
-26.9104, 91.5720

■ 92.2330, -39.5549,
133.9767

■ 156.2350,
-22.7939, 77.8469

■ 84.4080, -41.6131,
140.8392

■ 172.4720,
-18.9667, 63.6071

■ 188.8230,
-14.7027, 49.2672

■ 204.4730,
-10.5862, 35.5422

220.8240, -6.3222,
21.2024

236.5880, -1.7689,
7.3773

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



119.1870, 3.8518, 118.2310



124.2340, -31.1744, 105.9118



127.3490, -62.7831, 70.7309

Triad

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



124.2340, -31.1744, 105.9118



104.3450, -13.9741, -91.5106



111.8370, 70.5794, -98.0810

Complementary

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



124.2340, -31.1744, 105.9118



181.7660, 31.1744, -105.9118

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



124.2340, -31.1744, 105.9118



114.2000, 16.1704, -100.1534

Square

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



124.2340, -31.1744, 105.9118



114.3180, -56.3588, -30.0969



121.2510, 45.7253, -106.3371



138.6810, 54.3873, 9.0498

Rectangle

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



124.2340, -31.1744, 105.9118



128.3360, -63.2696, 40.0473



121.2510, 45.7253, -106.3371



115.9460, 68.5536, -101.6846

Sweetspot

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



124.2340, -31.1744, 105.9118



216.5760, -10.1440, 33.6978



135.6240, 48.0064, 95.9228



104.5250, -6.1748, 20.5876



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.



124.2340, -31.1744, 105.9118



104.3360, -39.1126, 132.1323



177.0640, -57.2196, 59.5799



114.1750, -2.0583, 6.8625



63.8320, -31.4692, 107.1413



19.9890, -9.8546, 34.2126

Inverse Universe

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



181.7660, 31.1744, -105.9118



176.2510, 38.8233, -132.6471



128.9360, 57.2196, -59.5799



117.8250, 2.0583, -6.8625



122.1680, 31.4692, -107.1413



38.4240, 10.1440, -33.6978

Previews

White Background



This preview shows how the YUV color 124.2340, -31.1744, 105.9118 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 124.2340, -31.1744, 105.9118 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 124.2340, -31.1744, 105.9118 Background



This preview shows how black text looks on a background with the YUV color 124.2340, -31.1744, 105.9118.



This preview shows how white text looks on a background with the YUV color 124.2340, -31.1744, 105.9118.

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

124.2340, -31.1744, 105.9118

Protanopia

134.5030, -26.3770, 13.5909

Deuteranopia

133.0250, -41.4243, 33.3041



Tritanopia

125.0690, -24.1910, 106.0565

Trichromacy



Original Color

124.2340, -31.1744, 105.9118

Protanomaly

130.6690, -27.9378, 47.6483

Deuteranomaly

129.8140, -37.8693, 59.7991

Tritanomaly

125.0860, -26.6644, 106.0416

Monochromacy



Original Color

124.2340, -31.1744, 105.9118

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9680, -11.3232, 38.6161

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2340, -31.1744, 105.9118 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(245, 75, 61)` looks like.

```
.text, #text, p{  
    color:rgb(245, 75, 61)  
}
```

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(245, 75, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 75, 61) }
```

Border

The CSS property to change the border of an element to YUV 124.2340, -31.1744, 105.9118 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(245, 75, 61) }
```


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

```
.border{ border-color:rgb(245, 75, 61) }
```

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

Here you see how a box with a 4 pixel rgb(245, 75, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 75, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 75, 61);  
box-shadow:4px 4px 4px 4px rgb(245, 75,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 124.2340, -31.1744, 105.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 75, 61) }
```

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

```
.background{ background-color: rgb(245, 75,  
61) }
```

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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