

Converting Colors

YUV(74.9400, -21.6624,
135.1106)

Have a look what the booklet for
YUV(74.9400, -21.6624, 135.1106)
contains.

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Color

**YUV(74.9400, -21.6624,
135.1106)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E5051F |
| RGB | 229, 5, 31 |
| RGB Percent | 90%, 2%, 12% |
| CMY | 0.1020, 0.9804, 0.8784 |
| CMYK | 0.00, 0.98, 0.86, 0.10 |
| HSL | 353°, 96%, 46% |
| HSV | 353°, 98%, 90% |
| XYZ | 32.6147, 16.8655, 2.8327 |
| YIQ | 74.9400, 125.1580, 55.5740 |

Conversions

Conversions Part 2

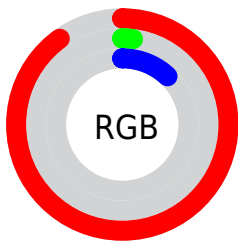
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 229, 5, 31 |
| Decimal | 15009055 |
| CIELab | 48.09, 73.80, 51.24 |
| CIELCh | 48, 89.842, 34.772 |
| Yxy | 16.8655, 0.6235, 0.3224 |
| Android (android.graphics.Color) | 4293199135 (0xFFE5051F) |
| YUV | 74.9400, -21.6624, 135.1106 |
| Hunter-Lab | 41.0676, 69.8912, 24.6577 |

Details

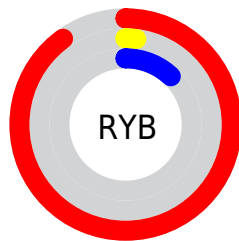
The YUV color **74.9400, -21.6624, 135.1106** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **159.0600, 21.6624, -135.1106**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1410, -30.1425, 101.6083**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **71.5490, -21.9627, 138.0845**, and if you desaturate by 10%, it is **90.7210, -19.5825, 121.2707**.

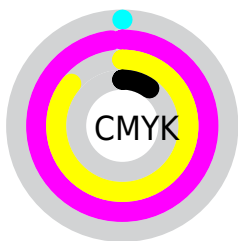
Distribution



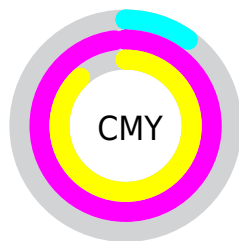
- Red (90%)
- Green (2%)
- Blue (12%)



- Red (90%)
- Yellow (2%)
- Blue (12%)



- Cyan (0%)
- Magenta (98%)
- Yellow (86%)
- Black (10%)





- Cyan (10%)
- Magenta (98%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.9400, -21.6624, 135.1106 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 74.9400, -21.6624, 135.1106 by changing the saturation by 10% instead.


 74.9400, -21.6624,
135.1106


 74.9400, -21.6624,
135.1106


255.0000, 0.0000,
0.0000


 59.4020, -25.8342,
119.7964


 139.1410,
-30.1425, 101.6083

 48.7370, -24.0273,
100.2087


 160.1880,
-28.1937, 83.1501


 39.1690, -19.3103,
80.5358


 180.6480,
-25.9555, 65.2067

 29.8290, -13.7197,
60.6630

 200.6350,
-22.9911, 47.6781

 20.9730, -8.8607,
42.1197

 221.4370,
-19.4424, 29.4348

 10.8780, -4.8699,
22.0320

 242.1250,

 0.0000, 0.0000,

-16.3306, 11.2914

0.0000

253.0620, -7.4256,
1.6996

74.9400, -21.6624,
135.1106

74.9400, -21.6624,
135.1106

71.5490, -21.9627,
138.0845

90.7210, -19.5825,
121.2707

106.5020,
-17.5025, 107.4307

122.3970,
-14.9857, 93.4908

138.1780,
-12.9058, 79.6509

153.3720,
-10.5364, 66.3258

■ 169.1530, -8.4564,
52.4858

■ 185.0480, -5.9397,
38.5459

■ 200.8290, -3.8597,
24.7060

■ 216.6100, -1.7797,
10.8660

Harmonies

Analogous

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



83.8440, 10.9229, 136.9488



74.9400, -21.6624, 135.1106



105.2320, -51.8794, 73.4645

Triad

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



74.9400, -21.6624, 135.1106



86.9680, -22.1692, -76.2709



100.6840, 76.0778, -88.2999

Complementary

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



74.9400, -21.6624, 135.1106



159.0600, 21.6624, -135.1106

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.



110.4350, 70.2845, -96.8515



74.9400, -21.6624, 135.1106



98.7780, 12.9274, -86.6283

Square

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



74.9400, -21.6624, 135.1106



89.1340, -43.9431, -45.7215



107.3280, 45.6873, -94.1267



113.2380, 62.9867, 4.1763

Rectangle

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



74.9400, -21.6624, 135.1106



107.9580, -53.2233, 37.7478



107.3280, 45.6873, -94.1267



104.7930, 74.0521, -91.9035

Sweetspot

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



74.9400, -21.6624, 135.1106



204.1520, -6.9769, 44.5937



89.7380, 68.6562, 99.3308



97.0250, -4.4493, 27.1651



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.



74.9400, -21.6624, 135.1106



79.6650, -24.4848, 153.7688



122.4580, -57.9068, 93.4373



106.8160, -0.8953, 7.1774



55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Inverse Universe

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



74.9400, -21.6624, 135.1106



79.6650, -24.4848, 153.7688



111.5420, 57.9068, -93.4373



106.8160, -0.8953, 7.1774



55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 74.9400, -21.6624, 135.1106 looks on a white 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

Black Background



This preview shows how the YUV color 74.9400, -21.6624, 135.1106 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 74.9400, -21.6624, 135.1106

Background



This preview shows how black text looks on a background with the YUV color 74.9400, -21.6624, 135.1106.



This preview shows how white text looks on a background with the YUV color 74.9400, -21.6624,

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

74.9400, -21.6624, 135.1106

Protanopia

112.5910, -29.8714, 14.3907

Deuteranopia

108.2240, -53.3544, 33.1296



Tritanopia

80.4990, -39.6860, 129.3584

Trichromacy



Original Color

74.9400, -21.6624, 135.1106

Protanomaly

98.9630, -27.0968, 57.9144

Deuteranomaly

96.1420, -41.9750, 70.0355

Tritanomaly

78.2310, -33.1449, 131.3474

Monochromacy



Original Color

74.9400, -21.6624, 135.1106

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2450, -8.0088, 48.8971

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9400, -21.6624, 135.1106 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(229, 5, 31)` looks like.

```
.text, #text, p{  
    color:rgb(229, 5, 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(229, 5, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 5, 31) }
```

Border

The CSS property to change the border of an element to YUV 74.9400, -21.6624, 135.1106 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(229, 5, 31) }
```


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

```
.border{ border-color:rgb(229, 5, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 5, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 5, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 5, 31);  
box-shadow:4px 4px 4px 4px rgb(229, 5, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.9400, -21.6624, 135.1106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 5, 31) }
```

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

```
.background{ background-color: rgb(229, 5,  
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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