

Converting Colors

YUV(134.3350, -31.2242,
75.1282)

Have a look what the booklet for
YUV(134.3350, -31.2242, 75.1282)
contains.

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Color

**YUV(134.3350, -31.2242,
75.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6747
RGB	220, 103, 71
RGB Percent	86%, 40%, 28%
CMY	0.1373, 0.5961, 0.7216
CMYK	0.00, 0.53, 0.68, 0.14
HSL	13°, 68%, 57%
HSV	13°, 68%, 86%
XYZ	35.5028, 25.3711, 8.9871
YIQ	134.3350, 80.0040, 14.8520

Conversions

Conversions Part 2

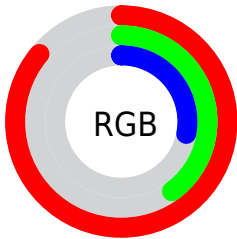
Format	Color
R_{YB}	220, 112, 71
Decimal	14444359
CIE Lab	57.44, 43.56, 39.53
CIE LCh	57, 58.824, 42.226
Yxy	25.3711, 0.5082, 0.3632
Android (android.graphics.Color)	4292634439 (0xFFDC6747)
YUV	134.3350, -31.2242, 75.1282
Hunter-Lab	50.3697, 37.6676, 24.6801

Details

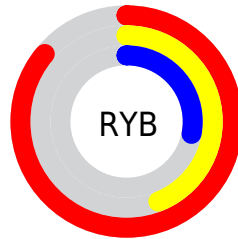
The YUV color **134.3350, -31.2242, 75.1282** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **156.6650, 31.2242, -75.1282**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0840, -30.6074, 63.9473**, and **80.3280, -27.2767, 68.9953** is the 20% darker color. If you saturate the color by 10%, you get **121.8480, -35.9141, 86.0793**, and if you desaturate by 10%, it is **146.8220, -26.5342, 64.1771**.

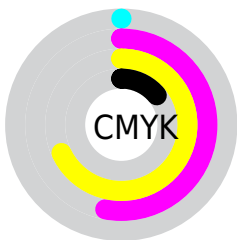
Distribution



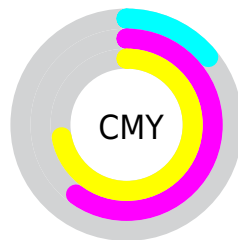
- Red (86%)
- Green (40%)
- Blue (28%)



- Red (86%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (53%)
- Yellow (68%)
- Black (14%)





- Cyan (14%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.3350, -31.2242, 75.1282 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 134.3350, -31.2242, 75.1282 by changing the saturation by 10% instead.


 134.3350,
-31.2242, 75.1282


 134.3350,
-31.2242, 75.1282


255.0000, 0.0000,
0.0000

 107.1820,
-29.1767, 71.7544


 182.0840,
-30.6074, 63.9473


 80.3280, -27.2767,
68.9953


 201.0110,
-26.6274, 47.3484

 51.5990, -24.9453,
67.8807


 220.9980,
-23.6630, 29.8198

 29.6010, -14.5933,
60.8629

 241.2130,
-19.8250, 12.0912

 20.9300, -10.3185,
43.0344

 252.0360,
-11.3567, 2.5994

 13.5690, -6.1965,
27.5650

 0.0000, 0.0000,

0.0000

■ 134.3350,
-31.2242, 75.1282

■ 134.3350,
-31.2242, 75.1282

■ 121.8480,
-35.9141, 86.0793

■ 146.8220,
-26.5342, 64.1771

■ 108.7740,
-40.3146, 97.5452

■ 159.8960,
-22.1337, 52.7112

■ 96.2870, -45.0045,
108.4963

■ 172.3830,
-17.4438, 41.7601

■ 93.3690, -46.0309,
111.0554

■ 184.8700,
-12.7539, 30.8090

■ 197.3570, -8.0640,
19.8579

■ 210.4310, -3.6635,
8.3920

■ 222.9180, 1.0264,
-2.5591

■ 235.4050, 5.7163,
-13.5102

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



134.8780, -7.8279, 84.2990



134.3350, -31.2242, 75.1282



132.9470, -49.7669, 49.1585

Triad

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



134.3350, -31.2242, 75.1282



105.8900, -0.4388, -92.8655



129.1930, 54.1349, -50.1583

Complementary

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



134.3350, -31.2242, 75.1282



156.6650, 31.2242, -75.1282

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.



116.1280, 59.0969, -101.8443



134.3350, -31.2242, 75.1282



113.1060, 22.1327, -99.1940

Square

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



134.3350, -31.2242, 75.1282



122.7950, -32.9299, -31.3922



117.4040, 43.6778, -102.9633



141.9480, 36.0146, 21.9706

Rectangle

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



134.3350, -31.2242, 75.1282



130.4250, -54.9325, 25.9373



117.4040, 43.6778, -102.9633



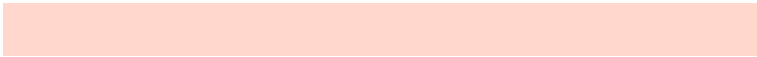
111.4150, 63.8854, -97.7110

Sweetspot

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



134.3350, -31.2242, 75.1282



225.7060, -10.7011, 25.6908



129.1170, 30.0153, 79.7044



109.7910, -6.3060, 15.9693



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.



134.3350, -31.2242, 75.1282



136.3080, -43.5358, 104.0929



176.5990, -52.0603, 38.0627



103.4630, -2.2003, 5.7329



73.4460, -36.2089, 87.3089



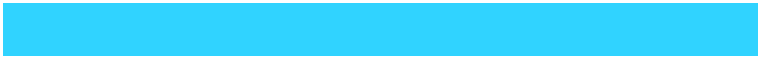
19.6240, -9.6746, 23.1318

Inverse Universe

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



156.6650, 31.2242, -75.1282



167.2790, 43.2465, -104.6077



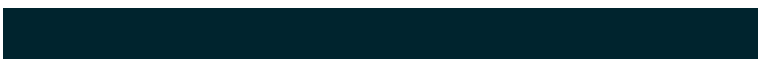
114.4010, 52.0603, -38.0627



104.9500, 2.4896, -5.2182



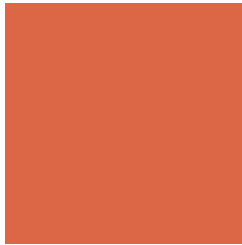
99.5540, 36.2089, -87.3089



26.3760, 9.6746, -23.1318

Previews

White Background



This preview shows how the YUV color 134.3350, -31.2242, 75.1282 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 134.3350, -31.2242, 75.1282 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 134.3350, -31.2242, 75.1282

Background



This preview shows how black text looks on a background with the YUV color 134.3350, -31.2242, 75.1282.



This preview shows how white text looks on a background with the YUV color 134.3350, -31.2242, 75.1282.

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

134.3350, -31.2242, 75.1282

Protanopia

135.6170, -25.9402, 13.4909

Deuteranopia

136.0230, -35.0143, 30.6748



Tritanopia

136.4610, -15.5103, 75.0177

Trichromacy



Original Color

134.3350, -31.2242, 75.1282

Protanomaly

135.0050, -27.6105, 35.9526

Deuteranomaly

135.1760, -33.6108, 47.2036

Tritanomaly

135.3810, -20.8938, 75.0879

Monochromacy



Original Color

134.3350, -31.2242, 75.1282

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1900, -11.4327, 27.0204

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3350, -31.2242, 75.1282 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(220, 103, 71)` looks like.

```
.text, #text, p{  
    color:rgb(220, 103, 71)  
}
```

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(220, 103, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 103, 71) }
```

Border

The CSS property to change the border of an element to YUV 134.3350, -31.2242, 75.1282 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(220, 103, 71) }
```


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

```
.border{ border-color:rgb(220, 103, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 103, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 103, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 103, 71);  
box-shadow:4px 4px 4px 4px rgb(220, 103,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 134.3350, -31.2242, 75.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 103, 71) }
```

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

```
.background{ background-color: rgb(220,  
103, 71) }
```

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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