

Converting Colors

YUV(147.1230, -53.3046,
63.9131)

Have a look what the booklet for
YUV(147.1230, -53.3046, 63.9131)
contains.

YUV(147.1230, -53.3046, 63.9131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.1230, -53.3046,
63.9131)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8327
RGB	220, 131, 39
RGB Percent	86%, 51%, 15%
CMY	0.1373, 0.4863, 0.8471
CMYK	0.00, 0.40, 0.82, 0.14
HSL	30°, 72%, 51%
HSV	30°, 82%, 86%
XYZ	37.9977, 31.5947, 6.0151
YIQ	147.1230, 82.5760, -9.7440

Conversions

Conversions Part 2

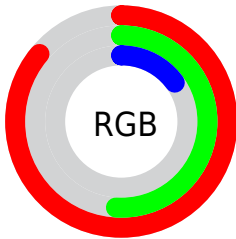
Format	Color
R _Y B	214, 220, 39
Decimal	14451495
CIE Lab	63.01, 27.79, 60.05
CIE LCh	63, 66.165, 65.165
Yxy	31.5947, 0.5026, 0.4179
Android (android.graphics.Color)	4292641575 (0xFFDC8327)
YUV	147.1230, -53.3046, 63.9131
Hunter-Lab	56.2092, 22.3009, 33.0016

Details

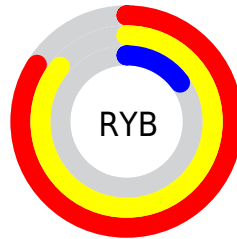
The YUV color **147.1230, -53.3046, 63.9131** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **111.8770, 53.3046, -63.9131**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7410, -50.6513, 52.8471**, and **95.0880, -46.8784, 56.0508** is the 20% darker color. If you saturate the color by 10%, you get **138.1580, -59.7309, 71.7754**, and if you desaturate by 10%, it is **156.0880, -46.8784, 56.0508**.

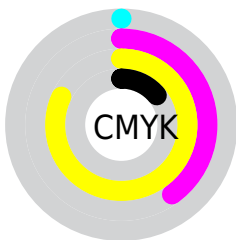
Distribution



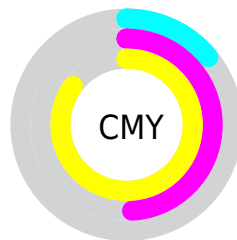
- Red (86%)
- Green (51%)
- Blue (15%)



- Red (84%)
- Yellow (86%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (82%)
- Black (14%)





- Cyan (14%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.1230, -53.3046, 63.9131 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 147.1230, -53.3046, 63.9131 by changing the saturation by 10% instead.


 147.1230,
-53.3046, 63.9131


 147.1230,
-53.3046, 63.9131


255.0000, 0.0000,
0.0000


 118.6020,
-56.4988, 61.7390


 194.7410,
-50.6513, 52.8471

 95.0880, -46.8784,
56.0508


 214.2550,
-46.9607, 35.7334


 72.0300, -35.5108,
49.9627


 234.3560,
-43.5595, 18.1048

 49.8580, -24.5800,
43.9745

 245.6520,
-35.8174, 8.1982

 27.0990, -13.3598,
38.5012

 248.8440,
-23.5871, 5.3988

 13.7540, -6.7807,
28.2797

 252.1500,

 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 147.1230,
-53.3046, 63.9131

■ 147.1230,
-53.3046, 63.9131

■ 138.1580,
-59.7309, 71.7754

■ 156.0880,
-46.8784, 56.0508

■ 131.5240,
-64.8413, 77.5935

■ 165.0530,
-40.4521, 48.1885

■ 173.4310,
-33.7365, 40.8410

■ 182.3960,
-27.3102, 32.9787

■ 191.3610,
-20.8840, 25.1164

■ 200.3260,
-14.4577, 17.2541

■ 209.2910, -8.0315,
9.3918

■ 218.2560, -1.6052,
1.5295

■ 226.6340, 5.1104,
-5.8180

Harmonies

Analogous

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



147.3030, -29.2364, 90.9423



147.1230, -53.3046, 63.9131



141.8090, -67.4468, 26.4775

Triad

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



147.1230, -53.3046, 63.9131



124.0140, 18.2341, -108.7603



155.8030, 45.9461, 9.8198

Complementary

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



147.1230, -53.3046, 63.9131



111.8770, 53.3046, -63.9131

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.



120.6420, 66.2385, -105.8030



147.1230, -53.3046, 63.9131



130.0390, 43.8578, -114.0442

Square

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



147.1230, -53.3046, 63.9131



115.2990, -7.5424, -101.1172



130.0340, 61.6082, -114.0398



154.4330, 23.9435, 67.1493

Rectangle

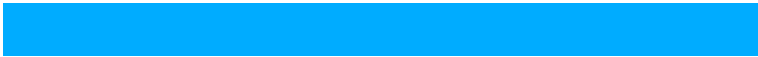
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.1230, -53.3046, 63.9131



139.3410, -54.3981, -5.5611



130.0340, 61.6082, -114.0398



151.9030, 50.8268, -15.7009

Sweetspot

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



147.1230, -53.3046, 63.9131



229.5070, -18.9840, 22.3574



103.4930, 13.0680, 102.1766



112.4010, -11.5367, 13.6803



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.



147.1230, -53.3046, 63.9131



153.4840, -74.1886, 89.0295



199.3660, -79.0604, 18.0960



105.2240, -3.0684, 4.1886



103.3830, -50.9678, 61.0541



27.2550, -13.4367, 16.4394

Inverse Universe

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



111.8770, 53.3046, -63.9131



104.5160, 74.1886, -89.0295



59.6340, 79.0604, -18.0960



103.1890, 3.3578, -3.6738



69.6170, 50.9678, -61.0541



18.7450, 13.4367, -16.4394

Previews

White Background



This preview shows how the YUV color 147.1230, -53.3046, 63.9131 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 147.1230, -53.3046, 63.9131 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 ✓ Pass

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

YUV 147.1230, -53.3046, 63.9131 Background



This preview shows how black text looks on a background with the YUV color 147.1230, -53.3046, 63.9131.



This preview shows how white text looks on a background with the YUV color 147.1230, -53.3046, 63.9131.

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

147.1230, -53.3046, 63.9131

Protanopia

146.0700, -49.8275, 21.8636

Deuteranopia

146.4700, -56.4337, 40.8068



Tritanopia

153.8230, -11.2517, 62.4222

Trichromacy



Original Color

147.1230, -53.3046, 63.9131

Protanomaly

146.5280, -51.0393, 37.2479

Deuteranomaly

146.8670, -55.1504, 49.2286

Tritanomaly

151.2240, -26.2394, 62.9476

Monochromacy



Original Color

147.1230, -53.3046, 63.9131

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1050, -19.2788, 23.5869

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1230, -53.3046, 63.9131 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, 131, 39)` looks like.

```
.text, #text, p{  
    color:rgb(220, 131, 39)  
}
```

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, 131, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 131, 39) }
```

Border

The CSS property to change the border of an element to YUV 147.1230, -53.3046, 63.9131 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, 131, 39) }
```


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

```
.border{ border-color:rgb(220, 131, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 131, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 131, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 131, 39);  
box-shadow:4px 4px 4px 4px rgb(220, 131,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 147.1230, -53.3046, 63.9131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 131, 39) }
```

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

```
.background{ background-color: rgb(220,  
131, 39) }
```

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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