

Converting Colors

YUV(123.1300, -31.1231,
-50.9800)

Have a look what the booklet for
YUV(123.1300, -31.1231, -50.9800)
contains.

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Color

**YUV(123.1300, -31.1231,
-50.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	41A53C
RGB	65, 165, 60
RGB Percent	25%, 65%, 24%
CMY	0.7451, 0.3529, 0.7647
CMYK	0.61, 0.00, 0.64, 0.35
HSL	117°, 47%, 44%
HSV	117°, 64%, 65%
XYZ	16.4507, 28.3603, 8.8820
YIQ	123.1300, -25.8950, -53.8550

Conversions

Conversions Part 2

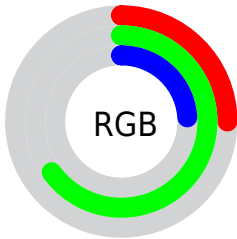
Format	Color
RYB	60, 165, 160
Decimal	4302140
CIELab	60.21, -49.86, 44.66
CIELCh	60, 66.937, 138.146
Yxy	28.3603, 0.3064, 0.5282
Android (android.graphics.Color)	4282492220 (0xFF41A53C)
YUV	123.1300, -31.1231, -50.9800
Hunter-Lab	53.2544, -38.0551, 27.3894

Details

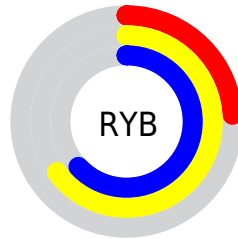
The YUV color **123.1300, -31.1231, -50.9800** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **101.8700, 31.1231, 50.9800**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1580, -33.6019, -49.2506**, and **65.8580, -31.9750, -57.7575** is the 20% darker color. If you saturate the color by 10%, you get **116.5220, -35.7533, -59.2168**, and if you desaturate by 10%, it is **129.7380, -26.4928, -42.7432**.

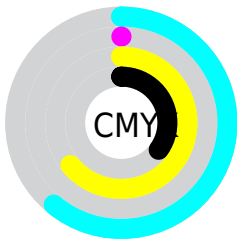
Distribution



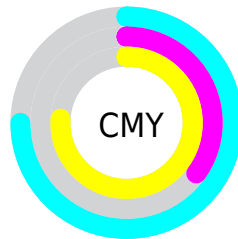
- Red (25%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (63%)



- Cyan (61%)
- Magenta (0%)
- Yellow (64%)
- Black (35%)



- Cyan (75%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1300, -31.1231, -50.9800 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 123.1300, -31.1231, -50.9800 by changing the saturation by 10% instead.

■ 123.1300,
-31.1231, -50.9800

■ 123.1300,
-31.1231, -50.9800

■ 255.0000, 0.0000,
0.0000

■ 94.1510, -29.6544,
-55.3834

■ 179.1580,
-33.6019, -49.2506

■ 65.8580, -31.9750,
-57.7575

■ 207.9300,
-34.4755, -49.0506

■ 51.0690, -25.1770,
-44.7875

■ 222.6140,
-28.4037, -36.4955

■ 36.3940, -17.9422,
-31.9175

■ 234.4770,
-20.4482, -21.4663

■ 23.4800, -11.5756,
-20.5920

■ 246.3400,
-12.4926, -6.4372

■ 0.5870, -0.2894,
-0.5148

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 123.1300,
-31.1231, -50.9800

■ 123.1300,
-31.1231, -50.9800

■ 116.5220,
-35.7533, -59.2168

■ 129.7380,
-26.4928, -42.7432

■ 110.0990,
-40.9678, -66.7388

■ 136.1610,
-21.2784, -35.2212

■ 103.4910,
-45.5981, -74.9756

■ 142.8830,
-16.2113, -27.0844

■ 99.2470, -48.9288,
-80.0236

■ 149.4910,
-11.5811, -18.8476

■ 156.0990, -6.9508,
-10.6108

■ 162.5220, -1.7363,
-3.0888

■ 169.2440, 3.3307,
5.0480

■ 175.8520, 7.9610,
13.2848

■ 182.1610, 12.7386,
20.9068

Harmonies

Analogous

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



131.6710, -64.9138, 7.3045



123.1300, -31.1231, -50.9800



113.9430, 2.4931, -99.9280

Triad

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



123.1300, -31.1231, -50.9800



122.4030, 65.3703, -107.3474



138.5870, -13.1074, 97.7092

Complementary

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



123.1300, -31.1231, -50.9800



101.8700, 31.1231, 50.9800

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.



142.6110, 13.9958, 84.5332



123.1300, -31.1231, -50.9800



138.7690, 57.3019, -39.2624

Square

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



123.1300, -31.1231, -50.9800



125.6510, 52.4301, -110.1959



149.3890, 37.2762, 37.3698



139.9630, -40.4078, 80.7164

Rectangle

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



123.1300, -31.1231, -50.9800



119.2040, 20.1124, -104.5419



149.3890, 37.2762, 37.3698



139.1060, -3.5033, 97.2540

Sweetspot

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



123.1300, -31.1231, -50.9800



197.7790, -11.7230, -19.9772



150.0950, -44.4168, 13.0717



97.2730, -7.5296, -11.6404



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.1300, -31.1231, -50.9800



149.0730, -48.3500, -78.9940



126.9930, -9.8565, -58.7529



78.5820, -2.7519, -4.0184



87.2080, -42.9935, -70.3424



10.8650, -5.3564, -8.6516

Inverse Universe

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



101.8700, 31.1231, 50.9800



115.9270, 48.3500, 78.9940



98.0070, 9.8565, 58.7529



76.4180, 2.7519, 4.0184



57.7920, 42.9935, 70.3424



7.1350, 5.3564, 8.6516

Previews

White Background



This preview shows how the YUV color 123.1300, -31.1231, -50.9800 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 123.1300, -31.1231, -50.9800 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 123.1300, -31.1231, -50.9800 Background



This preview shows how black text looks on a background with the YUV color 123.1300, -31.1231, -50.9800.



This preview shows how white text looks on a background with the YUV color 123.1300, -31.1231, -50.9800.

-50.9800.

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

123.1300, -31.1231, -50.9800

Protanopia

138.8230, -41.8177, 19.4492

Deuteranopia

141.5070, -35.7460, 32.0044



Tritanopia

136.3460, 15.1124, -40.6454

Trichromacy



Original Color

123.1300, -31.1231, -50.9800

Protanomaly

133.2820, -38.1000, -6.3863

Deuteranomaly

134.7760, -33.9066, 1.9504

Tritanomaly

131.5570, -1.7536, -44.3385

Monochromacy



Original Color

123.1300, -31.1231, -50.9800

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9040, -11.2917, -18.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1300, -31.1231, -50.9800 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(65, 165, 60)` looks like.

```
.text, #text, p{  
    color:rgb(65, 165, 60)  
}
```

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(65, 165, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 165, 60) }
```

Border

The CSS property to change the border of an element to YUV 123.1300, -31.1231, -50.9800 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(65, 165, 60) }
```


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

```
.border{ border-color:rgb(65, 165, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 165, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 165, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 165, 60);  
box-shadow:4px 4px 4px 4px rgb(65, 165,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 123.1300, -31.1231, -50.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 165, 60) }
```

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

```
.background{ background-color: rgb(65, 165,  
60) }
```

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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