

Converting Colors

YUV(157.8060, 31.1546,
-5.9689)

Have a look what the booklet for
YUV(157.8060, 31.1546, -5.9689)
contains.

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Color

**YUV(157.8060, 31.1546,
-5.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	9795DD
RGB	151, 149, 221
RGB Percent	59%, 58%, 87%
CMY	0.4078, 0.4157, 0.1333
CMYK	0.32, 0.33, 0.00, 0.13
HSL	242°, 51%, 73%
HSV	242°, 33%, 87%
XYZ	36.5611, 33.2947, 72.9061
YIQ	157.8060, -21.9200, 22.8160

Conversions

Conversions Part 2

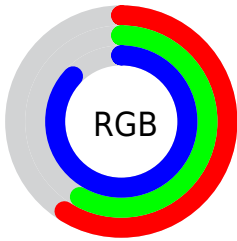
Format	Color
R_{YB}	151, 149, 221
Decimal	9934301
CIE _{Lab}	64.40, 17.09, -36.35
CIE _{LCh}	64, 40.167, 295.175
Yxy	33.2947, 0.2561, 0.2332
Android (android.graphics.Color)	4288124381 (0xFF9795DD)
YUV	157.8060, 31.1546, -5.9689
Hunter-Lab	57.7015, 12.1243, -34.5221

Details

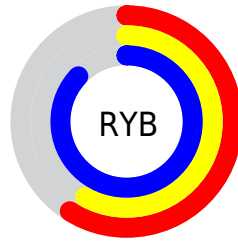
The YUV color **157.8060, 31.1546, -5.9689** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212.1940, -31.1546, 5.9689**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1240, 22.1239, -2.7397**, and **105.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **138.6130, 40.6168, -7.5536**, and if you desaturate by 10%, it is **176.9990, 21.6925, -4.3841**.

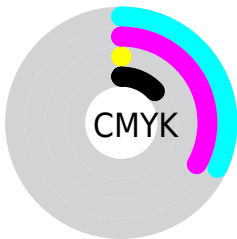
Distribution



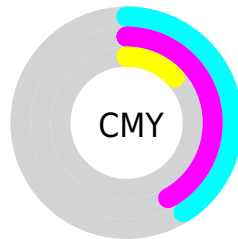
- Red (59%)
- Green (58%)
- Blue (87%)



- Red (59%)
- Yellow (58%)
- Blue (87%)



- Cyan (32%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (41%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8060, 31.1546, -5.9689 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 157.8060, 31.1546, -5.9689 by changing the saturation by 10% instead.

■ 157.8060, 31.1546,
-5.9689

■ 157.8060, 31.1546,
-5.9689

255.0000, 0.0000,
0.0000

■ 131.2790, 30.4285,
-6.3837

■ 210.1240, 22.1239,
-2.7397

■ 105.7520, 29.7023,
-6.7985

■ 235.2310, 9.7461,
0.6744

■ 81.3990, 28.3973,
-8.2429

■ 56.8610, 27.6765,
-10.4021

■ 32.7140, 27.2560,
-15.5352

■ 12.6930, 25.7874,
-11.1318

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 157.8060, 31.1546,
-5.9689

■ 157.8060, 31.1546,
-5.9689

■ 138.6130, 40.6168,
-7.5536

■ 176.9990, 21.6925,
-4.3841

■ 119.1210, 50.2263,
-9.7531

■ 196.4910, 12.0829,
-2.1846

■ 99.9280, 59.6885,
-11.3379

■ 215.6840, 2.6208,
-0.5999

■ 80.4360, 69.2981,
-13.5374

■ 235.1760, -6.9888,
1.5996

■ 61.2430, 78.7602,
-15.1221

■ 251.1240,
-14.8511, 3.3993

■ 41.1640, 88.6591,
-16.8068

■ 26.9880, 95.6479,
-18.4065

Harmonies

Analogous

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



147.2840, 39.3000, -51.9921



157.8060, 31.1546, -5.9689



161.0080, 18.2371, 30.6880

Triad

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



157.8060, 31.1546, -5.9689



155.8540, -28.5220, 48.3630



134.0630, 7.3639, -75.4773

Complementary

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



157.8060, 31.1546, -5.9689



212.1940, -31.1546, 5.9689

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.



145.0670, -15.3160, -34.2618



157.8060, 31.1546, -5.9689



153.8160, -34.4193, 26.4714

Square

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



157.8060, 31.1546, -5.9689



157.5900, -14.5879, 59.1186



150.1930, -29.6751, -1.9233



123.2280, 30.4536, -108.0710

Rectangle

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



157.8060, 31.1546, -5.9689



160.2460, 7.2737, 47.1423



150.1930, -29.6751, -1.9233



138.9850, -0.9786, -59.6228

Sweetspot

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



157.8060, 31.1546, -5.9689



232.8500, 10.9200, -2.4994



198.8850, 10.9027, -43.7491



114.1230, 6.8414, -0.9849



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.



157.8060, 31.1546, -5.9689



167.8840, 42.9482, -8.6683



168.2710, 25.9954, 15.5483



100.2540, 4.8048, -1.0998



21.2170, 74.8290, -14.2223



5.5430, 19.9453, -3.9842

Inverse Universe

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



178.5080, 19.9626, 37.2655



196.5450, 27.3393, 51.2650



201.7290, -25.9954, -15.5483



103.4290, 2.7465, 5.7628



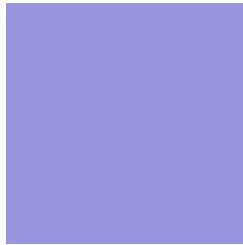
70.9930, 48.3175, 89.4601



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 157.8060, 31.1546, -5.9689 looks on a white background.

Color Contrast Check

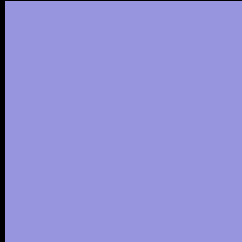
Large Text (above 18pt) WCAG AA × Fail

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 157.8060, 31.1546, -5.9689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

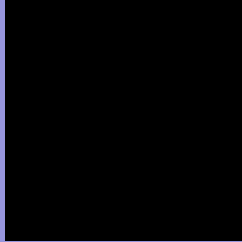
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8060, 31.1546, -5.9689

Background



This preview shows how black text looks on a background with the YUV color 157.8060, 31.1546, -5.9689.



This preview shows how white text looks on a background with the YUV color 157.8060, 31.1546, -5.9689.

-5.9689.

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

157.8060, 31.1546, -5.9689

Protanopia

155.8150, 34.1082, -20.0088

Deuteranopia

155.2450, 31.9242, -19.5089



Tritanopia

154.6870, 8.0423, -12.8805

Trichromacy



Original Color

157.8060, 31.1546, -5.9689

Protanomaly

156.6200, 33.2183, -14.5757

Deuteranomaly

156.1640, 31.4711, -14.1758

Tritanomaly

155.5870, 16.4726, -10.1618

Monochromacy



Original Color

157.8060, 31.1546, -5.9689

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9640, 11.3567, -2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8060, 31.1546, -5.9689 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(151, 149, 221)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 221)  
}
```

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(151, 149, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 221) }
```

Border

The CSS property to change the border of an element to YUV 157.8060, 31.1546, -5.9689 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(151, 149, 221) }
```


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

```
.border{ border-color:rgb(151, 149, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 221);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 157.8060, 31.1546, -5.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 221) }
```

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

```
.background{ background-color: rgb(151,  
149, 221) }
```

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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