

Converting Colors

YUV(153.9310, 31.5860,
-4.3245)

Have a look what the booklet for
YUV(153.9310, 31.5860, -4.3245)
contains.

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Color

**YUV(153.9310, 31.5860,
-4.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	9590DA
RGB	149, 144, 218
RGB Percent	58%, 56%, 85%
CMY	0.4157, 0.4353, 0.1451
CMYK	0.32, 0.34, 0.00, 0.15
HSL	244°, 50%, 71%
HSV	244°, 34%, 85%
XYZ	35.0226, 31.3980, 70.5442
YIQ	153.9310, -20.7740, 24.0740

Conversions

Conversions Part 2

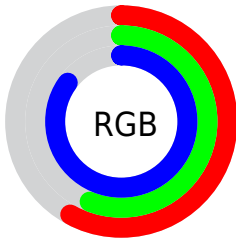
Format	Color
R _Y B	149, 144, 218
Decimal	9801946
CIE Lab	62.84, 18.62, -37.13
CIE LCh	63, 41.534, 296.639
Yxy	31.3980, 0.2557, 0.2292
Android (android.graphics.Color)	4287992026 (0xFF9590DA)
YUV	153.9310, 31.5860, -4.3245
Hunter-Lab	56.0339, 13.5074, -35.4197

Details

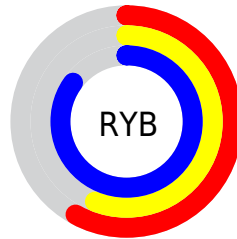
The YUV color $153.9310, 31.5860, -4.3245$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $208.0690, -31.5860, 4.3245$, and the grayscale version is $154.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $206.5910, 23.8656, -1.3953$, and $102.4640, 29.8442, -5.6689$ is the 20% darker color. If you saturate the color by 10%, you get $135.0370, 40.9008, -5.2944$, and if you desaturate by 10%, it is $172.8250, 22.2713, -3.3545$.

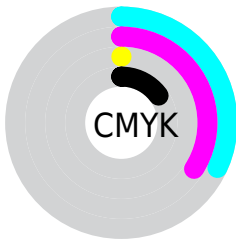
Distribution



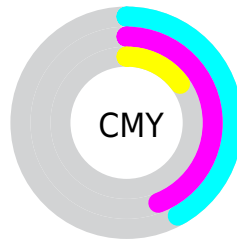
- Red (58%)
- Green (56%)
- Blue (85%)



- Red (58%)
- Yellow (56%)
- Blue (85%)



- Cyan (32%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9310, 31.5860, -4.3245 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 153.9310, 31.5860, -4.3245 by changing the saturation by 10% instead.

■ 153.9310, 31.5860,
-4.3245

■ 153.9310, 31.5860,
-4.3245

255.0000, 0.0000,
0.0000

■ 127.4040, 30.8598,
-4.7393

■ 206.5910, 23.8656,
-1.3953

■ 102.4640, 29.8442,
-5.6689

■ 231.6980, 11.4879,
2.0189

■ 77.5240, 28.8287,
-6.5985

254.4130, 0.2894,
0.5148

■ 53.5730, 27.8185,
-9.2725

■ 29.5400, 27.8348,
-14.5056

■ 8.2420, 26.5027,
-7.2282

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 153.9310, 31.5860,
-4.3245

■ 153.9310, 31.5860,
-4.3245

■ 135.0370, 40.9008,
-5.2944

■ 172.8250, 22.2713,
-3.3545

■ 115.8440, 50.3629,
-6.8792

■ 192.0180, 12.8091,
-1.7698

■ 97.5370, 59.3883,
-8.3639

■ 210.3250, 3.7838,
-0.2850

■ 78.6430, 68.7030,
-9.3339

■ 229.2190, -5.5310,
0.6849

■ 59.4500, 78.1652,
-10.9187

■ 248.4120,
-14.9931, 2.2697

■ 40.5560, 87.4799,
-11.8886

■ 250.7820,
-16.1615, 3.6992

■ 29.3370, 93.0109,
-12.5735

Harmonies

Analogous

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



142.3270, 40.7578, -52.9068



153.9310, 31.5860, -4.3245



156.3180, 18.0842, 33.0471

Triad

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



153.9310, 31.5860, -4.3245



151.5120, -29.8324, 48.6630



124.7950, 10.4541, -86.6432

Complementary

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



153.9310, 31.5860, -4.3245



208.0690, -31.5860, 4.3245

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.



139.5720, -14.5790, -37.3356



153.9310, 31.5860, -4.3245



149.1750, -35.5823, 26.1565

Square

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



153.9310, 31.5860, -4.3245



153.5470, -16.0457, 60.0333



145.9540, -30.5433, -3.4677



121.3530, 30.8850, -106.4266

Rectangle

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



153.9310, 31.5860, -4.3245



155.8550, 6.9735, 50.1162



145.9540, -30.5433, -3.4677



132.4080, 0.7849, -65.2558

Sweetspot

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



153.9310, 31.5860, -4.3245



233.1490, 10.7725, -1.8847



192.9390, 12.3551, -42.9195



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.



153.9310, 31.5860, -4.3245



164.3620, 44.6845, -5.5795



164.9940, 26.1320, 18.4223



100.2540, 4.8048, -1.0998



23.3100, 73.7972, -9.9189



6.1410, 19.6505, -2.7547

Inverse Universe

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



173.9920, 19.2309, 38.5950



192.5670, 27.3285, 54.7537



197.0060, -26.1320, -18.4223



103.4290, 2.7465, 5.7628



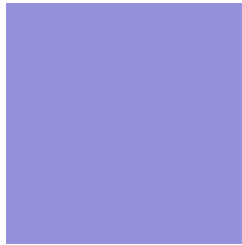
70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 153.9310, 31.5860, -4.3245 looks on a white background.

Color Contrast Check

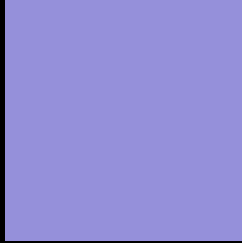
Large Text (above 18pt) WCAG AA × Fail

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 153.9310, 31.5860, -4.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

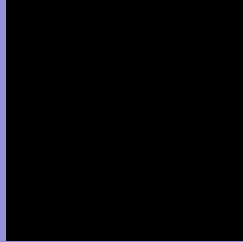
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.9310, 31.5860, -4.3245

Background



This preview shows how black text looks on a background with the YUV color 153.9310, 31.5860, -4.3245.



This preview shows how white text looks on a background with the YUV color 153.9310, 31.5860, -4.3245.

-4.3245.

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

153.9310, 31.5860, -4.3245

Protanopia

151.0430, 34.9818, -20.2087

Deuteranopia

151.0600, 32.5084, -20.2236



Tritanopia

150.6980, 8.0369, -11.1361

Trichromacy



Original Color

153.9310, 31.5860, -4.3245

Protanomaly

152.1470, 33.9445, -14.1609

Deuteranomaly

152.2780, 31.9079, -14.2758

Tritanomaly

151.7120, 16.9040, -8.5174

Monochromacy



Original Color

153.9310, 31.5860, -4.3245

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.6760, 11.4987, -1.4699

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9310, 31.5860, -4.3245 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(149, 144, 218)` looks like.

```
.text, #text, p{  
    color:rgb(149, 144, 218)  
}
```

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(149, 144, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 144, 218) }
```

Border

The CSS property to change the border of an element to YUV 153.9310, 31.5860, -4.3245 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(149, 144, 218) }
```


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

```
.border{ border-color:rgb(149, 144, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 144, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 144, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 144, 218);  
box-shadow:4px 4px 4px 4px rgb(149, 144,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 153.9310, 31.5860, -4.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 144, 218) }
```

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

```
.background{ background-color: rgb(149,  
144, 218) }
```

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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