

Converting Colors

YUV(154.1490, 30.9855, 1.6233)

Have a look what the booklet for
YUV(154.1490, 30.9855, 1.6233)
contains.

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Color

**YUV(154.1490, 30.9855,
1.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8DD9
RGB	156, 141, 217
RGB Percent	61%, 55%, 85%
CMY	0.3882, 0.4471, 0.1490
CMYK	0.28, 0.35, 0.00, 0.15
HSL	252°, 50%, 70%
HSV	252°, 35%, 85%
XYZ	35.7596, 31.1274, 69.7691
YIQ	154.1490, -15.4560, 26.8160

Conversions

Conversions Part 2

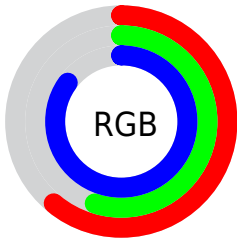
Format	Color
RYB	156, 141, 217
Decimal	10259929
CIELab	62.62, 22.10, -36.88
CIELCh	63, 42.994, 300.929
Yxy	31.1274, 0.2617, 0.2278
Android (android.graphics.Color)	4288450009 (0xFF9C8DD9)
YUV	154.1490, 30.9855, 1.6233
Hunter-Lab	55.7920, 16.7727, -35.0891

Details

The YUV color **154.1490, 30.9855, 1.6233** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **203.8510, -30.9855, -1.6233**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9230, 23.7020, 4.4525**, and **102.6820, 29.2438, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **136.1520, 39.8581, 2.4977**, and if you desaturate by 10%, it is **172.1460, 22.1130, 0.7490**.

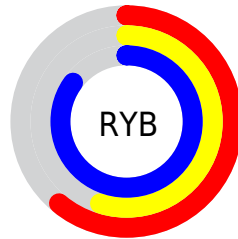
Distribution



Red (61%)

Green (55%)

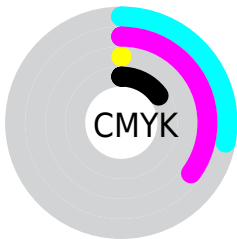
Blue (85%)



Red (61%)

Yellow (55%)

Blue (85%)

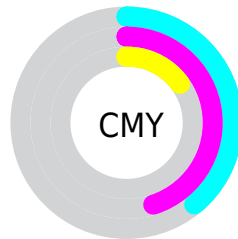


Cyan (28%)

Magenta (35%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (45%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1490, 30.9855, 1.6233 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 154.1490, 30.9855, 1.6233 by changing the saturation by 10% instead.

■ 154.1490, 30.9855,
1.6233

■ 154.1490, 30.9855,
1.6233

■ 255.0000, 0.0000,
0.0000

■ 127.6220, 30.2594,
1.2085

■ 206.9230, 23.7020,
4.4525

■ 102.6820, 29.2438,
0.2789

■ 232.0300, 11.3242,
7.8667

■ 77.7420, 28.2282,
-0.6507

■ 252.6520, 1.1576,
2.0592

■ 54.2040, 27.5074,
-2.8099

■ 30.9540, 26.6447,
-6.0987

■ 6.9540, 26.6447,
-6.0987

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 154.1490, 30.9855,
1.6233

■ 154.1490, 30.9855,
1.6233

■ 136.1520, 39.8581,
2.4977

■ 172.1460, 22.1130,
0.7490

■ 118.4430, 48.5886,
2.2425

■ 189.8550, 13.3825,
1.0042

■ 100.4460, 57.4611,
3.1169

■ 207.8520, 4.5100,
0.1298

■ 82.1500, 66.4811,
3.3765

■ 226.1480, -4.5100,
-0.1298

■ 64.1530, 75.3536,
4.2508

■ 244.1450,
-13.3825, -1.0042

■ 46.4440, 84.0841,
3.9956

■ 250.6680,
-16.5983, 3.7992

■ 37.5950, 88.4467,
4.7402

Harmonies

Analogous

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



143.4740, 41.1783, -47.7737



154.1490, 30.9855, 1.6233



155.8950, 16.3208, 38.6801

Triad

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



154.1490, 30.9855, 1.6233



150.5180, -32.3004, 46.9037



117.5910, 16.4706, -103.1273

Complementary

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



154.1490, 30.9855, 1.6233



203.8510, -30.9855, -1.6233

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.



137.2120, -11.9365, -44.9129



154.1490, 30.9855, 1.6233



148.0990, -37.0238, 21.8382

Square

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



154.1490, 30.9855, 1.6233



152.1620, -18.8139, 61.2479



144.1490, -29.6535, -8.9007



121.3360, 33.3584, -106.4117

Rectangle

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



154.1490, 30.9855, 1.6233



154.7200, 5.0680, 54.6196



144.1490, -29.6535, -8.9007



126.5850, 5.6276, -78.5660

Sweetspot

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



154.1490, 30.9855, 1.6233



231.6870, 11.4933, 0.2745



186.0580, 15.2544, -39.5159



113.8350, 6.9833, 0.1447



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.



154.1490, 30.9855, 1.6233



166.4770, 43.6418, 2.2127



165.2120, 25.5315, 24.3701



100.8520, 4.5100, 0.1298



29.8880, 70.5542, 3.6062



7.9350, 18.7660, 0.9340

Inverse Universe

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



170.6780, 15.4417, 40.6244



189.7970, 21.7921, 57.1830



192.7880, -25.5315, -24.3701



103.2010, 1.8729, 5.9627



67.5730, 35.2135, 92.4595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 154.1490, 30.9855, 1.6233 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 154.1490, 30.9855, 1.6233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

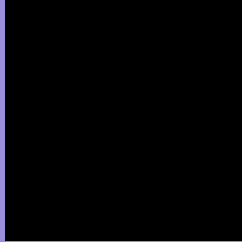
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.1490, 30.9855, 1.6233

Background



This preview shows how black text looks on a background with the YUV color 154.1490, 30.9855, 1.6233.



This preview shows how white text looks on a background with the YUV color 154.1490, 30.9855,

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

154.1490, 30.9855, 1.6233

Protanopia

150.5590, 35.7134, -21.5382

Deuteranopia

150.8320, 31.6348, -20.0237



Tritanopia

151.5740, 6.1260, -4.8884

Trichromacy



Original Color

154.1490, 30.9855, 1.6233

Protanomaly

151.8590, 34.0865, -13.0313

Deuteranomaly

152.1750, 31.4657, -12.4315

Tritanomaly

152.5880, 14.9931, -2.2697

Monochromacy



Original Color

154.1490, 30.9855, 1.6233

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1490, 30.9855, 1.6233 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(156, 141, 217)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 217)  
}
```

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(156, 141, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 217) }
```

Border

The CSS property to change the border of an element to YUV 154.1490, 30.9855, 1.6233 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(156, 141, 217) }
```


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

```
.border{ border-color:rgb(156, 141, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 141, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 217);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 154.1490, 30.9855, 1.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 217) }
```

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

```
.background{ background-color: rgb(156,  
141, 217) }
```

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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