

Converting Colors

YUV(151.4200, 13.1039,
-2.9993)

Have a look what the booklet for
YUV(151.4200, 13.1039, -2.9993)
contains.

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Color

**YUV(151.4200, 13.1039,
-2.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	9494B2
RGB	148, 148, 178
RGB Percent	58%, 58%, 70%
CMY	0.4196, 0.4196, 0.3020
CMYK	0.17, 0.17, 0.00, 0.30
HSL	240°, 16%, 64%
HSV	240°, 17%, 70%
XYZ	30.8385, 30.6901, 46.4179
YIQ	151.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

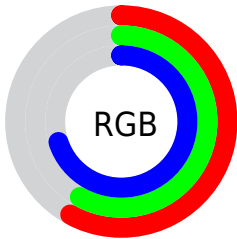
Format	Color
RYB	148, 148, 178
Decimal	9737394
CIELab	62.25, 6.31, -15.62
CIElCh	62, 16.846, 292.005
Yxy	30.6901, 0.2857, 0.2843
Android (android.graphics.Color)	4287927474 (0xFF9494B2)
YUV	151.4200, 13.1039, -2.9993
Hunter-Lab	55.3986, 2.4173, -10.8994

Details

The YUV color $151.4200, 13.1039, -2.9993$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $174.5800, -13.1039, 2.9993$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.6480, 13.9775, -3.1993$, and $100.1920, 12.2303, -2.7994$ is the 20% darker color. If you saturate the color by 10%, you get $135.4720, 20.9663, -4.7989$, and if you desaturate by 10%, it is $167.3680, 5.2416, -1.1997$.

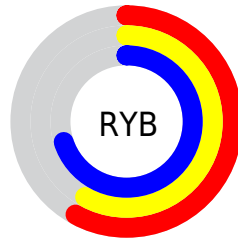
Distribution



Red (58%)

Green (58%)

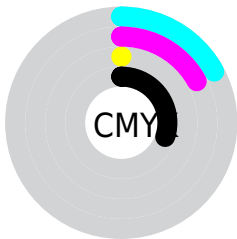
Blue (70%)



Red (58%)

Yellow (58%)

Blue (70%)

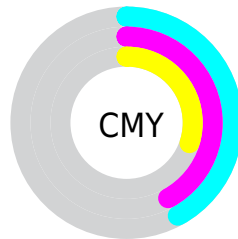


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (42%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4200, 13.1039, -2.9993 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 151.4200, 13.1039, -2.9993 by changing the saturation by 10% instead.

■ 151.4200, 13.1039,
-2.9993

■ 151.4200, 13.1039,
-2.9993

255.0000, 0.0000,
0.0000

■ 125.3060, 12.6671,
-2.8994

■ 205.6480, 13.9775,
-3.1993

■ 100.1920, 12.2303,
-2.7994

■ 233.1490, 10.7725,
-1.8847

■ 76.6650, 11.5042,
-3.2142

■ 53.5510, 11.0674,
-3.1142

■ 32.0240, 10.3412,
-3.5290

■ 8.3770, 11.6461,
-2.0846

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 151.4200, 13.1039,
-2.9993

■ 151.4200, 13.1039,
-2.9993

■ 135.4720, 20.9663,
-4.7989

■ 167.3680, 5.2416,
-1.1997

■ 119.5240, 28.8287,
-6.5985

■ 183.3160, -2.6208,
0.5999

■ 104.4620, 36.2542,
-8.2982

■ 198.3780,
-10.0464, 2.2995

■ 88.5140, 44.1166,
-10.0978

■ 214.3260,
-17.9087, 4.0991

■ 72.5660, 51.9790,
-11.8974

■ 230.2740,
-25.7711, 5.8987

■ 56.6180, 59.8413,
-13.6970

■ 246.2220,
-33.6334, 7.6983

■ 40.6700, 67.7037,
-15.4966

■ 25.6080, 75.1293,
-17.1962

■ 20.2920, 77.7500,
-17.7961

Harmonies

Analogous

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



148.6030, 15.4787, -18.0688



151.4200, 13.1039, -2.9993



152.8410, 7.9664, 11.5404

Triad

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



151.4200, 13.1039, -2.9993



151.4560, -11.5638, 22.4021



145.2590, 0.3653, -23.9061

Complementary

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



151.4200, 13.1039, -2.9993



174.5800, -13.1039, 2.9993

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.



146.9740, -7.3822, -12.2552



151.4200, 13.1039, -2.9993



150.3040, -14.4469, 13.7654

Square

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



151.4200, 13.1039, -2.9993



152.5580, -6.1911, 25.8206



148.6830, -12.6617, 1.1550



144.5770, 8.0965, -30.3240

Rectangle

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



151.4200, 13.1039, -2.9993



153.3320, 3.2873, 19.0028



148.6830, -12.6617, 1.1550



145.5970, -2.2663, -19.8176

Sweetspot

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



151.4200, 13.1039, -2.9993



221.3680, 5.2416, -1.1997



169.0300, 4.4222, -18.4433



110.7980, 3.0576, -0.6998



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



151.4200, 13.1039, -2.9993



191.2440, 20.0927, -4.5990



155.9050, 10.8928, 6.2223



81.0260, 3.9312, -0.8998



17.4420, 66.8301, -15.2966



2.9640, 11.3567, -2.5994

Inverse Universe

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



160.3900, 8.6817, 15.4440



204.9980, 13.3120, 23.6808



170.0950, -10.8928, -6.2223



83.7170, 2.6045, 4.6332



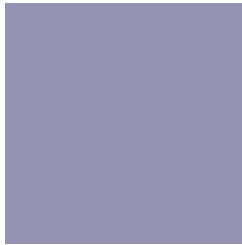
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 151.4200, 13.1039, -2.9993 looks on a white background.

Color Contrast Check

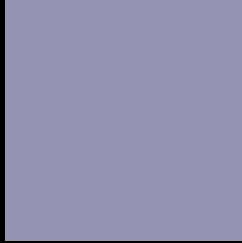
Large Text (above 18pt) WCAG AA × Fail

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 151.4200, 13.1039, -2.9993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

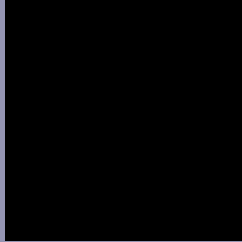
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.4200, 13.1039, -2.9993

Background



This preview shows how black text looks on a background with the YUV color 151.4200, 13.1039, -2.9993.



This preview shows how white text looks on a background with the YUV color 151.4200, 13.1039, -2.9993.

-2.9993.

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

151.4200, 13.1039, -2.9993

Protanopia

150.9250, 13.8410, -6.0732

Deuteranopia

151.7300, 12.9511, -0.6402



Tritanopia

150.5740, 6.1260, -4.8884

Trichromacy



Original Color

151.4200, 13.1039, -2.9993

Protanomaly

151.2240, 13.6936, -5.4584

Deuteranomaly

151.4310, 13.0985, -1.2550

Tritanomaly

150.8560, 8.4520, -4.2587

Monochromacy



Original Color

151.4200, 13.1039, -2.9993

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2540, 4.8048, -1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4200, 13.1039, -2.9993 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(148, 148, 178)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 178)  
}
```

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(148, 148, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 178) }
```

Border

The CSS property to change the border of an element to YUV 151.4200, 13.1039, -2.9993 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(148, 148, 178) }
```


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

```
.border{ border-color:rgb(148, 148, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 148, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 178);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 151.4200, 13.1039, -2.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 178) }
```

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

```
.background{ background-color: rgb(148,  
148, 178) }
```

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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