

Converting Colors

YUV(149.3250, -73.6172,
-1.1620)

Have a look what the booklet for
YUV(149.3250, -73.6172, -1.1620)
contains.

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Color

**YUV(149.3250, -73.6172,
-1.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	94B300
RGB	148, 179, 0
RGB Percent	58%, 70%, 0%
CMY	0.4196, 0.2980, 1.0000
CMYK	0.17, 0.00, 1.00, 0.30
HSL	70°, 100%, 35%
HSV	70°, 100%, 70%
XYZ	28.3328, 38.5361, 5.9449
YIQ	149.3250, 38.9830, -62.2410

Conversions

Conversions Part 2

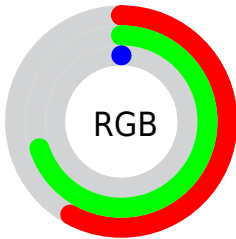
Format	Color
RYB	0, 179, 31
Decimal	9745152
CIELab	68.41, -29.85, 69.67
CIElCh	68, 75.792, 113.191
Yxy	38.5361, 0.3891, 0.5292
Android (android.graphics.Color)	4287935232 (0xFF94B300)
YUV	149.3250, -73.6172, -1.1620
Hunter-Lab	62.0775, -27.1661, 37.7762

Details

The YUV color **149.3250, -73.6172, -1.1620** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **29.6750, 73.6172, 1.1620**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4310, -64.3025, -2.1320**, and **101.4700, -50.0247, -8.3052** is the 20% darker color. If you saturate the color by 10%, you get **149.3250, -73.6172, -1.1620**, and if you desaturate by 10%, it is **152.2740, -66.1971, -1.1173**.

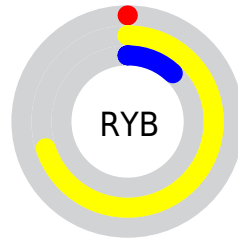
Distribution



Red (58%)

Green (70%)

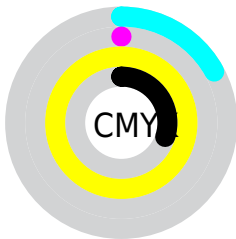
Blue (0%)



Red (0%)

Yellow (70%)

Blue (12%)

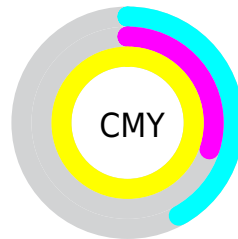


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (42%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3250, -73.6172, -1.1620 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 149.3250, -73.6172, -1.1620 by changing the saturation by 10% instead.

■ 149.3250,
-73.6172, -1.1620

■ 149.3250,
-73.6172, -1.1620

■ 255.0000, 0.0000,
0.0000

■ 125.1040,
-61.6763, -4.4762

■ 208.4310,
-64.3025, -2.1320

■ 101.4700,
-50.0247, -8.3052

■ 232.0340,
-62.1348, 2.6012

■ 78.7220, -38.8099,
-12.0342

■ 241.3200,
-52.4158, 11.9974

■ 55.9630, -27.5898,
-17.5076

■ 244.5120,
-40.1854, 9.1980

■ 32.5950, -16.0693,
-25.9548

■ 247.8180,
-27.5183, 6.2986

■ 19.9580, -9.8393,
-17.5032

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 149.3250,
-73.6172, -1.1620

■ 152.2740,
-66.1971, -1.1173

■ 155.2230,
-58.7769, -1.0726

■ 158.1720,
-51.3568, -1.0278

■ 161.1210,
-43.9367, -0.9831

■ 164.3690,
-36.6639, -0.3236

■ 167.2040,
-29.6806, -0.1789

■ 170.1530,
-22.2604, -0.1342

■ 173.1020,
-14.8403, -0.0895

■ 176.0510, -7.4201,
-0.0447

Harmonies

Analogous

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



156.1340, -76.9741, 48.9945



149.3250, -73.6172, -1.1620



134.5780, -27.4000, -78.5599

Triad

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



149.3250, -73.6172, -1.1620



142.3610, 55.5310, -124.8506



154.2740, 15.1479, 88.3367

Complementary

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



149.3250, -73.6172, -1.1620



29.6750, 73.6172, 1.1620

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.



170.6670, 39.1112, 55.5430



149.3250, -73.6172, -1.1620



134.7300, 59.2931, -118.1582

Square

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



149.3250, -73.6172, -1.1620



141.1920, 38.3593, -123.8254



159.8220, 46.9228, -23.5229



148.8700, -15.7119, 93.0760

Rectangle

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



149.3250, -73.6172, -1.1620



129.3020, -2.1209, -113.3979



159.8220, 46.9228, -23.5229



161.0050, 23.1685, 82.4336

Sweetspot

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



149.3250, -73.6172, -1.1620



220.4320, -28.8070, -0.3789



71.1310, -35.0676, 94.6011



110.1190, -17.3137, -0.1044



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.



149.3250, -73.6172, -1.1620



193.5920, -95.4409, -1.3962



123.0130, -60.6454, -55.2624



87.6750, -3.7838, 0.2850



127.7840, -62.9975, -0.6876



21.5410, -10.6197, -0.4745

Inverse Universe

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



29.6750, 73.6172, 1.1620



38.4080, 95.4409, 1.3962



55.9870, 60.6454, 55.2624



81.6240, 3.6364, 0.3298



25.2160, 62.9975, 0.6876



4.1600, 10.7671, -0.1403

Previews

White Background



This preview shows how the YUV color 149.3250, -73.6172, -1.1620 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 149.3250, -73.6172, -1.1620 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 149.3250, -73.6172, -1.1620

Background



This preview shows how black text looks on a background with the YUV color 149.3250, -73.6172, -1.1620.



This preview shows how white text looks on a background with the YUV color 149.3250, -73.6172, -1.1620.

-1.1620.

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

149.3250, -73.6172, -1.1620

Protanopia

154.2410, -76.0408, 29.6066

Deuteranopia

159.1840, -62.7017, 44.5656



Tritanopia

166.4000, 6.7048, -3.8588

Trichromacy



Original Color

149.3250, -73.6172, -1.1620

Protanomaly

152.1040, -74.9873, 18.3258

Deuteranomaly

155.6350, -66.8681, 27.5071

Tritanomaly

160.4300, -22.3970, -3.0081

Monochromacy



Original Color

149.3250, -73.6172, -1.1620

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3010, -26.7704, -0.2640

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3250, -73.6172, -1.1620 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, 179, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 179, 0)  
}
```

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, 179, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 179, 0) }
```

Border

The CSS property to change the border of an element to YUV 149.3250, -73.6172, -1.1620 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, 179, 0) }
```


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

```
.border{ border-color:rgb(148, 179, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 179, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 179, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 179, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 179,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 149.3250, -73.6172, -1.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 179, 0) }
```

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

```
.background{ background-color: rgb(148,  
179, 0) }
```

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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