

Converting Colors

YUV(112.1900, 1.3853,
-71.2036)

Have a look what the booklet for
YUV(112.1900, 1.3853, -71.2036)
contains.

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Color

**YUV(112.1900, 1.3853,
-71.2036)**

Conversions

Conversions Part 1

Format	Color
Hex	1F9973
RGB	31, 153, 115
RGB Percent	12%, 60%, 45%
CMY	0.8784, 0.4000, 0.5490
CMYK	0.80, 0.00, 0.25, 0.40
HSL	161°, 66%, 36%
HSV	161°, 80%, 60%
XYZ	15.0508, 24.3116, 20.1190
YIQ	112.1900, -60.5140, -37.6820

Conversions

Conversions Part 2

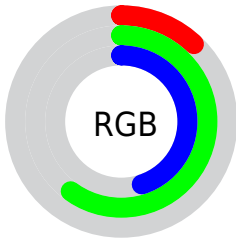
Format	Color
R_{YB}	31, 103, 153
Decimal	2070899
CIE _{Lab}	56.40, -41.56, 10.91
CIE _{LCh}	56, 42.964, 165.289
Yxy	24.3116, 0.2530, 0.4087
Android (android.graphics.Color)	4280260979 (0xFF1F9973)
YUV	112.1900, 1.3853, -71.2036
Hunter-Lab	49.3068, -31.8000, 10.3222

Details

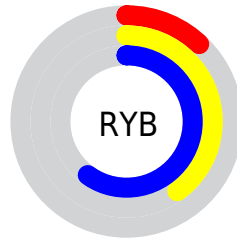
The YUV color **112.1900, 1.3853, -71.2036** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **71.8100, -1.3853, 71.2036**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1370, -1.5465, -64.1411**, and **66.9250, 0.0370, -58.6932** is the 20% darker color. If you saturate the color by 10%, you get **107.1350, 1.4124, -79.9254**, and if you desaturate by 10%, it is **117.2450, 1.3582, -62.4819**.

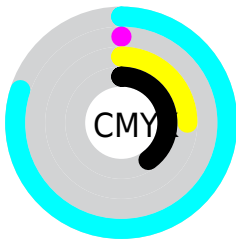
Distribution



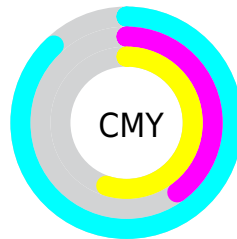
- Red (12%)
- Green (60%)
- Blue (45%)



- Red (12%)
- Yellow (40%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1900, 1.3853, -71.2036 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 112.1900, 1.3853, -71.2036 by changing the saturation by 10% instead.

■ 112.1900, 1.3853,
-71.2036

■ 112.1900, 1.3853,
-71.2036

■ 255.0000, 0.0000,
0.0000

■ 84.8090, 2.5592,
-74.3775

■ 170.1370, -1.5465,
-64.1411

■ 66.9250, 0.0370,
-58.6932

■ 198.9090, -2.4201,
-63.9412

■ 49.7420, -2.3378,
-43.6237

■ 221.3380, 0.3264,
-58.1784

■ 33.2600, -4.5652,
-29.1690

■ 233.3150, 8.7187,
-43.2493

■ 17.6100, -8.6817,
-15.4440

■ 242.4420, 6.1911,
-25.8206

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,

-7.3773

■ 112.1900, 1.3853,
-71.2036

■ 112.1900, 1.3853,
-71.2036

■ 107.1350, 1.4124,
-79.9254

■ 117.2450, 1.3582,
-62.4819

■ 101.7810, 1.5870,
-89.2619

■ 122.5990, 1.1837,
-53.1453

■ 127.5400, 0.7198,
-44.3236

■ 132.5950, 0.6927,
-35.6018

■ 137.6500, 0.6656,
-26.8800

■ 143.0040, 0.4910,
-17.5435

■ 147.9450, 0.0271,
-8.7218

■ 153.0000, 0.0000,
0.0000

■ 158.3540, -0.1745,
9.3365

Harmonies

Analogous

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



125.1130, -21.7477, -24.6551



112.1900, 1.3853, -71.2036



107.9540, 22.7007, -94.6757

Triad

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



112.1900, 1.3853, -71.2036



133.6620, 36.1556, -23.3826



134.8100, -25.0493, 54.5406

Complementary

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



112.1900, 1.3853, -71.2036



71.8100, -1.3853, 71.2036

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.



135.9800, -9.3571, 61.4075



112.1900, 1.3853, -71.2036



139.4350, 23.9425, 20.6665

Square

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



112.1900, 1.3853, -71.2036



108.1260, 48.7449, -94.8265



138.1970, 8.2839, 49.8162



133.3440, -35.1726, 34.7783

Rectangle

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



112.1900, 1.3853, -71.2036



109.9890, 33.0364, -96.4604



138.1970, 8.2839, 49.8162



135.0970, -20.2608, 58.6739

Sweetspot

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



112.1900, 1.3853, -71.2036



182.9380, 0.5236, -28.0096



114.2750, -41.0546, -38.8292



89.6020, 0.1962, -16.3140



227.0000, 0.0000, 0.0000



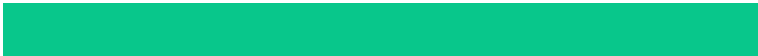
99.0000, 0.0000, 0.0000

Same Dimension

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



112.1900, 1.3853, -71.2036



135.0510, 1.9469, -111.4237



103.6080, 24.3503, -63.6772



74.2660, -0.1311, -4.6183



93.2380, 1.8547, -81.7697



8.6570, 0.1691, -7.5922

Inverse Universe

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



71.8100, -1.3853, 71.2036



71.8350, -2.3837, 111.5237



80.3920, -24.3503, 63.6772



71.6200, -0.3057, 4.7183



46.8760, -1.4179, 81.6697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 112.1900, 1.3853, -71.2036 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 112.1900, 1.3853, -71.2036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

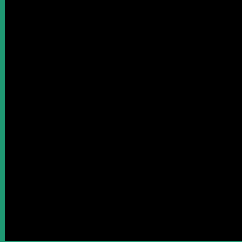
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.1900, 1.3853, -71.2036

Background



This preview shows how black text looks on a background with the YUV color 112.1900, 1.3853, -71.2036.



This preview shows how white text looks on a background with the YUV color 112.1900, 1.3853,

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

112.1900, 1.3853, -71.2036

Protanopia

133.4990, -13.5570, 8.3324

Deuteranopia

134.8510, -7.3215, 15.0397



Tritanopia

121.1590, 18.6556, -57.1444

Trichromacy



Original Color

112.1900, 1.3853, -71.2036



Protanomaly

125.6910, -8.2287, -20.7770



Deuteranomaly

126.7500, -4.3137, -16.4438



Tritanomaly

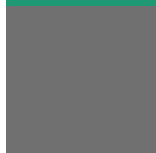
117.8180, 12.4147, -62.1074

Monochromacy



Original Color

112.1900, 1.3853, -71.2036



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

112.2480, 0.3707, -25.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1900, 1.3853, -71.2036 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(31, 153, 115)` looks like.

```
.text, #text, p{  
    color:rgb(31, 153, 115)  
}
```

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(31, 153, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 153, 115) }
```

Border

The CSS property to change the border of an element to YUV 112.1900, 1.3853, -71.2036 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(31, 153, 115) }
```


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

```
.border{ border-color:rgb(31, 153, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 153, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 153, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 153, 115);  
box-shadow:4px 4px 4px 4px rgb(31, 153,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 112.1900, 1.3853, -71.2036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 153, 115) }
```

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

```
.background{ background-color: rgb(31, 153,  
115) }
```

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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