

Converting Colors

YUV(147.2360, -71.6013,
52.4130)

Have a look what the booklet for
YUV(147.2360, -71.6013, 52.4130)
contains.

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Color

**YUV(147.2360, -71.6013,
52.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9102
RGB	207, 145, 2
RGB Percent	81%, 57%, 1%
CMY	0.1882, 0.4314, 0.9922
CMYK	0.00, 0.30, 0.99, 0.19
HSL	42°, 98%, 41%
HSV	42°, 99%, 81%
XYZ	35.8685, 33.5206, 4.6371
YIQ	147.2360, 82.8550, -31.3290

Conversions

Conversions Part 2

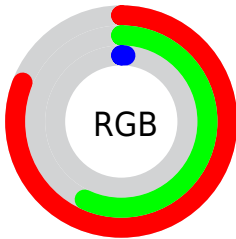
Format	Color
RYB	91, 207, 2
Decimal	13603074
CIELab	64.58, 13.99, 69.09
CIELCh	65, 70.491, 78.550
Yxy	33.5206, 0.4845, 0.4528
Android (android.graphics.Color)	4291793154 (0xFFCF9102)
YUV	147.2360, -71.6013, 52.4130
Hunter-Lab	57.8970, 9.2651, 35.7792

Details

The YUV color **147.2360, -71.6013, 52.4130** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **61.7640, 71.6013, -52.4130**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4940, -62.8545, 46.9248**, and **99.7180, -49.1610, 41.4663** is the 20% darker color. If you saturate the color by 10%, you get **146.4210, -72.1856, 53.1278**, and if you desaturate by 10%, it is **153.1520, -64.1649, 47.2247**.

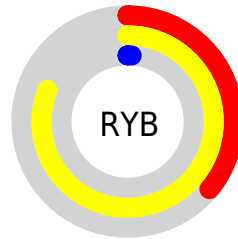
Distribution



Red (81%)

Green (57%)

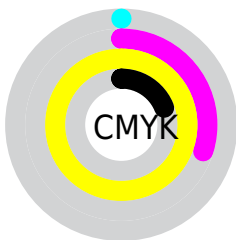
Blue (1%)



Red (36%)

Yellow (81%)

Blue (1%)

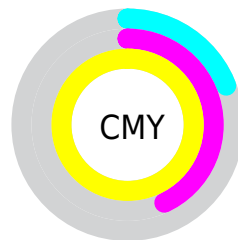


Cyan (0%)

Magenta (30%)

Yellow (99%)

Black (19%)



Cyan (19%)

Magenta (43%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2360, -71.6013, 52.4130 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 147.2360, -71.6013, 52.4130 by changing the saturation by 10% instead.

■ 147.2360,
-71.6013, 52.4130

■ 147.2360,
-71.6013, 52.4130

■ 255.0000, 0.0000,
0.0000

■ 122.7760,
-60.5286, 47.5544

■ 201.4940,
-62.8545, 46.9248

■ 99.7180, -49.1610,
41.4663

■ 221.1220,
-58.7271, 29.7110

■ 76.9590, -37.9408,
35.9930

■ 240.6360,
-55.0365, 12.5972

■ 55.3740, -27.2994,
29.4900

■ 243.8280,
-42.8062, 9.7978

■ 34.9740, -17.2422,
23.7018

■ 247.0200,
-30.5759, 6.9985

■ 13.9980, -6.9010,
20.1728

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,
1.1997

147.2360,
-71.6013, 52.4130

147.2360,
-71.6013, 52.4130

146.4210,
-72.1856, 53.1278

153.1520,
-64.1649, 47.2247

159.5410,
-57.4547, 41.6215

165.4570,
-50.0183, 36.4332

171.3730,
-42.5819, 31.2449

177.2890,
-35.1455, 26.0565

■ 183.6780,
-28.4353, 20.4534

■ 189.5940,
-20.9988, 15.2651

■ 195.5100,
-13.5624, 10.0767

■ 201.3120, -6.5628,
4.9884

Harmonies

Analogous

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



150.8990, -43.3342, 86.0346



147.2360, -71.6013, 52.4130



141.7050, -69.8606, 7.2747

Triad

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



147.2360, -71.6013, 52.4130



131.4120, 31.3489, -115.2483



160.6930, 39.5914, 41.4882

Complementary

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



147.2360, -71.6013, 52.4130



61.7640, 71.6013, -52.4130

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.



148.2160, 52.6445, -38.7774



147.2360, -71.6013, 52.4130



135.3340, 56.5303, -118.6879

Square

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



147.2360, -71.6013, 52.4130



122.7140, 3.0990, -107.6202



129.4470, 61.8976, -113.5250



153.5730, 15.0005, 88.9515

Rectangle

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



147.2360, -71.6013, 52.4130



138.5810, -45.1494, -32.0815



129.4470, 61.8976, -113.5250



160.0860, 46.7926, 18.3416

Sweetspot

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



147.2360, -71.6013, 52.4130



232.8350, -26.5407, 19.4387



70.7050, -1.8266, 119.5307



114.5380, -16.0412, 11.8062



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.



147.2360, -71.6013, 52.4130



180.7310, -89.1004, 65.1339



172.2680, -83.9421, -2.8660



101.3980, -3.6472, 3.1590



118.9110, -58.6231, 43.0511



28.6950, -14.1466, 10.7915

Inverse Universe

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



61.7640, 71.6013, -52.4130



74.2690, 89.1004, -65.1339



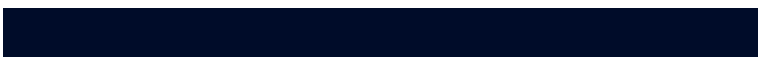
36.7320, 83.9421, 2.8660



97.0150, 3.9366, -2.6442



49.0890, 58.6231, -43.0511



11.7180, 14.4360, -10.2767

Previews

White Background



This preview shows how the YUV color 147.2360, -71.6013, 52.4130 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 147.2360, -71.6013, 52.4130 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 147.2360, -71.6013, 52.4130

Background



This preview shows how black text looks on a background with the YUV color 147.2360, -71.6013, 52.4130.



This preview shows how white text looks on a background with the YUV color 147.2360, -71.6013, 52.4130.

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

147.2360, -71.6013, 52.4130

Protanopia

146.5640, -65.8471, 26.6924

Deuteranopia

146.9640, -72.4533, 45.6356



Tritanopia

159.4620, -7.1298, 46.9528

Trichromacy



Original Color

147.2360, -71.6013, 52.4130

Protanomaly

147.0490, -68.0582, 35.9140

Deuteranomaly

147.3880, -72.1693, 47.8947

Tritanomaly

155.2840, -30.7060, 48.8629

Monochromacy



Original Color

147.2360, -71.6013, 52.4130

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9490, -26.1039, 19.3387

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2360, -71.6013, 52.4130 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(207, 145, 2)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 2)  
}
```

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(207, 145, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 2) }
```

Border

The CSS property to change the border of an element to YUV 147.2360, -71.6013, 52.4130 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(207, 145, 2) }
```


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

```
.border{ border-color:rgb(207, 145, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 2);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 147.2360, -71.6013, 52.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 2) }
```

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

```
.background{ background-color: rgb(207,  
145, 2) }
```

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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