

Converting Colors

YUV(168.2840, -41.0590,
9.3979)

Have a look what the booklet for
YUV(168.2840, -41.0590, 9.3979)
contains.

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Color

**YUV(168.2840, -41.0590,
9.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B355
RGB	179, 179, 85
RGB Percent	70%, 70%, 33%
CMY	0.2980, 0.2980, 0.6667
CMYK	0.00, 0.00, 0.53, 0.30
HSL	60°, 38%, 52%
HSV	60°, 53%, 70%
XYZ	36.3502, 42.4798, 14.8779
YIQ	168.2840, 30.1740, -29.2340

Conversions

Conversions Part 2

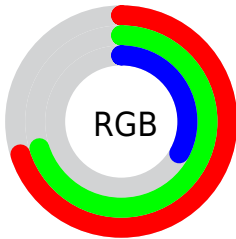
Format	Color
RYB	85, 179, 85
Decimal	11776853
CIELab	71.20, -12.93, 47.33
CIELCh	71, 49.068, 105.280
Yxy	42.4798, 0.3879, 0.4533
Android (android.graphics.Color)	4289966933 (0xFFB3B355)
YUV	168.2840, -41.0590, 9.3979
Hunter-Lab	65.1765, -14.5060, 32.0894

Details

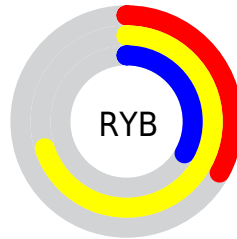
The YUV color **168.2840, -41.0590, 9.3979** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **95.7160, 41.0590, -9.3979**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4260, -43.1010, 11.0274**, and **114.9140, -39.8906, 7.9684** is the 20% darker color. If you saturate the color by 10%, you get **166.2320, -48.9214, 11.1975**, and if you desaturate by 10%, it is **170.3360, -33.1966, 7.5983**.

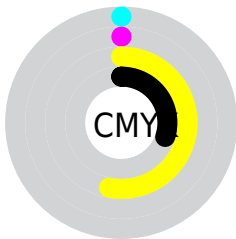
Distribution



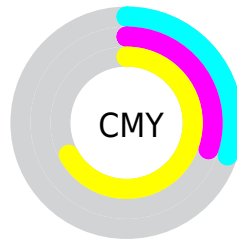
- Red (70%)
- Green (70%)
- Blue (33%)



- Red (33%)
- Yellow (70%)
- Blue (33%)



- Cyan (0%)
- Magenta (0%)
- Yellow (53%)
- Black (30%)



- Cyan (30%)
- Magenta (30%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2840, -41.0590, 9.3979 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 168.2840, -41.0590, 9.3979 by changing the saturation by 10% instead.

■ 168.2840,
-41.0590, 9.3979

■ 168.2840,
-41.0590, 9.3979

■ 255.0000, 0.0000,
0.0000

■ 141.2130,
-40.0380, 8.5832

■ 224.4260,
-43.1010, 11.0274

■ 114.9140,
-39.8906, 7.9684

■ 244.6260,
-39.7486, 9.0980

■ 88.9910, -43.3796,
7.0239

■ 247.8180,
-27.5183, 6.2986

■ 67.3140, -33.1858,
4.1096

■ 251.0100,
-15.2879, 3.4992

■ 46.3380, -22.8446,
0.5806

■ 254.3160, -2.6208,
0.5999

■ 26.5360, -13.0822,
-3.9781

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 168.2840,
-41.0590, 9.3979

■ 168.2840,
-41.0590, 9.3979

■ 166.2320,
-48.9214, 11.1975

■ 170.3360,
-33.1966, 7.5983

■ 164.1800,
-56.7837, 12.9971

■ 172.3880,
-25.3343, 5.7987

■ 162.1280,
-64.6461, 14.7967

■ 174.4400,
-17.4719, 3.9991

■ 160.0760,
-72.5085, 16.5963

■ 176.4920, -9.6096,
2.1995

■ 158.5940,
-78.1868, 17.8961

■ 178.4300, -2.1840,
0.4999

■ 180.4820, 5.6784,
-1.2997

■ 182.5340, 13.5407,
-3.0993

■ 184.5860, 21.4031,
-4.8989

■ 186.6380, 29.2655,
-6.6985

Harmonies

Analogous

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



171.9660, -41.8882, 42.1258



168.2840, -41.0590, 9.3979



162.5270, -26.3888, -29.4032

Triad

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



168.2840, -41.0590, 9.3979



140.8960, 47.3793, -123.5658



178.3060, 9.7091, 59.3676

Complementary

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



168.2840, -41.0590, 9.3979



95.7160, 41.0590, -9.3979

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.



179.4230, 28.8785, 24.1850



168.2840, -41.0590, 9.3979



141.8510, 55.7825, -112.1253

Square

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



168.2840, -41.0590, 9.3979



137.9830, 28.6024, -121.0111



171.9050, 40.9658, -26.2267



174.6930, -10.6946, 70.4292

Rectangle

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



168.2840, -41.0590, 9.3979



155.2810, -9.9985, -59.8824



171.9050, 40.9658, -26.2267



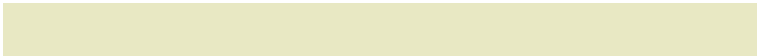
179.3740, 16.5776, 49.6610

Sweetspot

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



168.2840, -41.0590, 9.3979



227.7820, -16.1615, 3.6992



113.1060, -13.8563, 57.7890



114.4920, -9.6096, 2.1995



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.



168.2840, -41.0590, 9.3979



215.3560, -63.7725, 14.5968



154.2310, -34.1309, -19.4966



87.9740, -3.9312, 0.8998



135.5580, -66.8301, 15.2966



23.0360, -11.3567, 2.5994

Inverse Universe

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



95.7160, 41.0590, -9.3979



102.6440, 63.7725, -14.5968



109.7690, 34.1309, 19.4966



81.0260, 3.9312, -0.8998



17.4420, 66.8301, -15.2966



2.9640, 11.3567, -2.5994

Previews

White Background



This preview shows how the YUV color 168.2840, -41.0590, 9.3979 looks on a white background.

Color Contrast Check

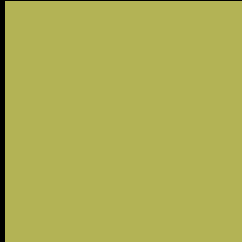
Large Text (above 18pt) WCAG AA × Fail

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 168.2840, -41.0590, 9.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

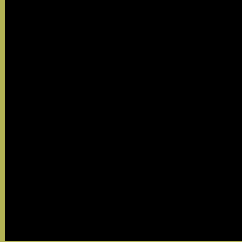
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.2840, -41.0590, 9.3979

Background



This preview shows how black text looks on a background with the YUV color 168.2840, -41.0590, 9.3979.



This preview shows how white text looks on a background with the YUV color 168.2840, -41.0590, 9.3979.

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

168.2840, -41.0590, 9.3979

Protanopia

169.4210, -42.1126, 20.6788

Deuteranopia

171.4600, -41.1458, 37.3076



Tritanopia

176.4620, 2.7302, 10.9958

Trichromacy



Original Color

168.2840, -41.0590, 9.3979

Protanomaly

169.1000, -41.9543, 16.5753

Deuteranomaly

170.3940, -41.1132, 26.8415

Tritanomaly

173.6240, -13.1256, 9.9768

Monochromacy



Original Color

168.2840, -41.0590, 9.3979

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1240, -14.8511, 3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2840, -41.0590, 9.3979 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(179, 179, 85)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 85)  
}
```

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(179, 179, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 85) }
```

Border

The CSS property to change the border of an element to YUV 168.2840, -41.0590, 9.3979 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(179, 179, 85) }
```


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

```
.border{ border-color:rgb(179, 179, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 85);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 168.2840, -41.0590, 9.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 85) }
```

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

```
.background{ background-color: rgb(179,  
179, 85) }
```

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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