

Converting Colors

YUV(179.1660, -76.0038,
-29.0866)

Have a look what the booklet for
YUV(179.1660, -76.0038, -29.0866)
contains.

YUV(179.1660, -76.0038, -29.0866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(179.1660, -76.0038,
-29.0866)**

Conversions

Conversions Part 1

Format	Color
Hex	92E219
RGB	146, 226, 25
RGB Percent	57%, 89%, 10%
CMY	0.4275, 0.1137, 0.9020
CMYK	0.35, 0.00, 0.89, 0.11
HSL	84°, 80%, 49%
HSV	84°, 89%, 89%
XYZ	39.2259, 60.5739, 10.5442
YIQ	179.1660, 16.8410, -79.4710

Conversions

Conversions Part 2

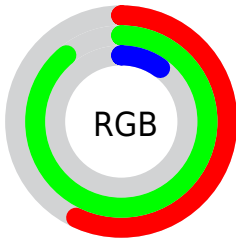
Format	Color
RYB	25, 226, 105
Decimal	9626137
CIELab	82.15, -50.80, 77.38
CIELCh	82, 92.562, 123.283
Yxy	60.5739, 0.3555, 0.5490
Android (android.graphics.Color)	4287816217 (0xFF92E219)
YUV	179.1660, -76.0038, -29.0866
Hunter-Lab	77.8292, -46.2373, 46.4479

Details

The YUV color **179.1660, -76.0038, -29.0866** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **71.8340, 76.0038, 29.0866**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8100, -62.5173, -14.7424**, and **125.5040, -61.8735, -34.6450** is the 20% darker color. If you saturate the color by 10%, you get **173.8530, -84.7235, -32.3201**, and if you desaturate by 10%, it is **184.4790, -67.2841, -25.8531**.

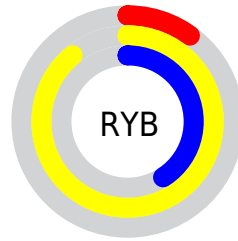
Distribution



Red (57%)

Green (89%)

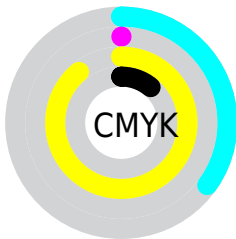
Blue (10%)



Red (10%)

Yellow (89%)

Blue (41%)

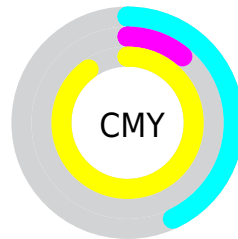


Cyan (35%)

Magenta (0%)

Yellow (89%)

Black (11%)



Cyan (43%)

Magenta (11%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.1660, -76.0038, -29.0866 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 179.1660, -76.0038, -29.0866 by changing the saturation by 10% instead.

■ 179.1660,
-76.0038, -29.0866

■ 179.1660,
-76.0038, -29.0866

■ 255.0000, 0.0000,
0.0000

■ 150.9100,
-74.3986, -30.6161

■ 221.8100,
-62.5173, -14.7424

■ 125.5040,
-61.8735, -34.6450

■ 234.4990,
-53.9830, 1.3164

■ 100.0870,
-49.3429, -40.4183

■ 243.4860,
-44.1166, 10.0978

■ 71.6690, -35.3328,
-54.0837

■ 246.7920,
-31.4495, 7.1984

■ 53.4170, -26.3346,
-46.8467

■ 250.0980,
-18.7823, 4.2991

■ 39.3290, -19.3892,
-34.4915

■ 253.5180, -5.6784,

■ 26.4150, -13.0226,

1.2997

-23.1660

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 179.1660,
-76.0038, -29.0866

■ 179.1660,
-76.0038, -29.0866

■ 173.8530,
-84.7235, -32.3201

■ 184.4790,
-67.2841, -25.8531

■ 173.3260,
-85.4497, -32.7349

■ 189.6780,
-59.0013, -22.5196

■ 194.9910,
-50.2816, -19.2861

■ 200.1900,
-41.9987, -15.9526

■ 205.5030,
-33.2790, -12.7191

■ 210.8160,
-24.5593, -9.4856

■ 216.0150,
-16.2764, -6.1522

■ 221.3280, -7.5567,
-2.9187

■ 226.5270, 0.7262,
0.4148

Harmonies

Analogous

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



190.0130, -93.6764, 39.4536



179.1660, -76.0038, -29.0866



153.5000, -16.0225, -134.6195

Triad

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



179.1660, -76.0038, -29.0866



165.8410, 43.9554, -145.4426



162.9140, 17.7904, 80.7594

Complementary

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



179.1660, -76.0038, -29.0866



71.8340, 76.0038, 29.0866

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.



183.3860, 35.3057, 62.8055



179.1660, -76.0038, -29.0866



153.5140, 50.0326, -134.6318

Square

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



179.1660, -76.0038, -29.0866



171.1240, 41.3509, -150.0757



196.9550, 28.6162, 14.9485



165.5510, -25.4146, 78.4468

Rectangle

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



179.1660, -76.0038, -29.0866



162.6880, 9.0278, -142.6774



196.9550, 28.6162, 14.9485



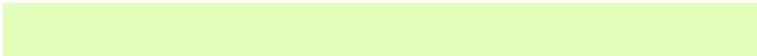
167.9810, 29.5894, 76.3157

Sweetspot

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



179.1660, -76.0038, -29.0866



239.0610, -26.1591, -9.7005



130.2980, -51.9119, 83.9307



118.2430, -15.4028, -6.3521



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.



179.1660, -76.0038, -29.0866



195.7310, -96.4954, -36.5981



149.8640, -61.5580, -89.3347



109.5500, -4.2151, -1.3593



135.0060, -66.5580, -25.4383



36.8470, -18.1656, -6.8818

Inverse Universe

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



71.8340, 76.0038, 29.0866



59.2690, 96.4954, 36.5981



101.1360, 61.5580, 89.3347



103.4500, 4.2151, 1.3593



40.9940, 66.5580, 25.4383



11.1530, 18.1656, 6.8818

Previews

White Background



This preview shows how the YUV color 179.1660, -76.0038, -29.0866 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 179.1660, -76.0038, -29.0866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

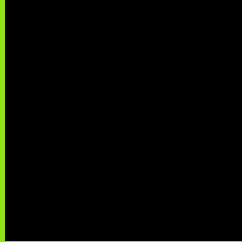
Any Text WCAG AA ✓ Pass

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 179.1660, -76.0038, -29.0866 Background



This preview shows how black text looks on a background with the YUV color 179.1660, -76.0038, -29.0866.



This preview shows how white text looks on a background with the YUV color 179.1660, -76.0038, -29.0866.

-29.0866.

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

179.1660, -76.0038, -29.0866

Protanopia

190.0430, -85.8032, 34.1653

Deuteranopia

195.9200, -68.9806, 51.8132



Tritanopia

199.6790, 13.4693, -26.9055

Trichromacy



Original Color

179.1660, -76.0038, -29.0866

Protanomaly

186.1110, -82.3857, 11.3037

Deuteranomaly

189.7500, -71.3618, 22.1442

Tritanomaly

192.4870, -18.9741, -27.6141

Monochromacy



Original Color

179.1660, -76.0038, -29.0866

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.0070, -27.6115, -10.5301

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.1660, -76.0038, -29.0866 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(146, 226, 25)` looks like.

```
.text, #text, p{  
    color:rgb(146, 226, 25)  
}
```

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(146, 226, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 226, 25) }
```

Border

The CSS property to change the border of an element to YUV 179.1660, -76.0038, -29.0866 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(146, 226, 25) }
```


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

```
.border{ border-color:rgb(146, 226, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 226, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 226, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 226, 25);  
box-shadow:4px 4px 4px 4px rgb(146, 226,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 179.1660, -76.0038, -29.0866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 226, 25) }
```

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

```
.background{ background-color: rgb(146,  
226, 25) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor