

Converting Colors

YUV(181.0390, -79.8852,
2.5968)

Have a look what the booklet for
YUV(181.0390, -79.8852, 2.5968)
contains.

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Color

**YUV(181.0390, -79.8852,
2.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D313
RGB	184, 211, 19
RGB Percent	72%, 83%, 7%
CMY	0.2784, 0.1725, 0.9255
CMYK	0.13, 0.00, 0.91, 0.17
HSL	68°, 83%, 45%
HSV	68°, 91%, 83%
XYZ	43.1790, 56.8259, 9.3088
YIQ	181.0390, 45.5400, -65.4360

Conversions

Conversions Part 2

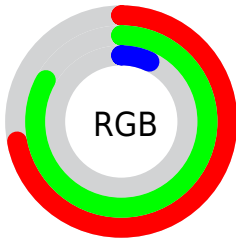
Format	Color
RYB	19, 211, 46
Decimal	12112659
CIELab	80.08, -29.78, 77.55
CIELCh	80, 83.071, 111.004
Yxy	56.8259, 0.3950, 0.5198
Android (android.graphics.Color)	4290302739 (0xFFB8D313)
YUV	181.0390, -79.8852, 2.5968
Hunter-Lab	75.3830, -29.6763, 45.4465

Details

The YUV color **181.0390, -79.8852, 2.5968** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **48.9610, 79.8852, -2.5968**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0150, -70.0134, 9.6338**, and **129.8330, -64.0077, -3.3615** is the 20% darker color. If you saturate the color by 10%, you get **177.9760, -87.7422, 2.6520**, and if you desaturate by 10%, it is **184.3300, -71.1547, 2.3416**.

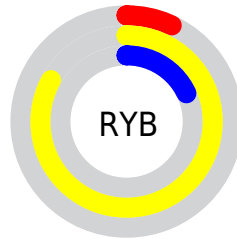
Distribution



Red (72%)

Green (83%)

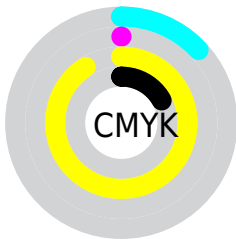
Blue (7%)



Red (7%)

Yellow (83%)

Blue (18%)

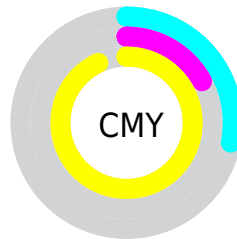


Cyan (13%)

Magenta (0%)

Yellow (91%)

Black (17%)



Cyan (28%)

Magenta (17%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.0390, -79.8852, 2.5968 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 181.0390, -79.8852, 2.5968 by changing the saturation by 10% instead.

■ 181.0390,
-79.8852, 2.5968

■ 181.0390,
-79.8852, 2.5968

■ 255.0000, 0.0000,
0.0000

■ 153.7660,
-75.8066, 1.0822

■ 233.0150,
-70.0134, 9.6338

■ 129.8330,
-64.0077, -3.3615

■ 239.6100,
-58.9677, 13.4970

■ 105.6120,
-52.0667, -6.6757

■ 242.9160,
-46.3006, 10.5977

■ 82.5650, -40.7045,
-11.0195

■ 246.2220,
-33.6334, 7.6983

■ 59.8060, -29.4844,
-16.4929

■ 249.5280,
-20.9663, 4.7989

■ 36.7370, -18.1113,
-24.3253

■ 252.9480, -7.8624,

■ 21.7190, -10.7075,

1.7996

-19.0476

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 181.0390,
-79.8852, 2.5968

■ 181.0390,
-79.8852, 2.5968

■ 177.9760,
-87.7422, 2.6520

■ 184.3300,
-71.1547, 2.3416

■ 187.6210,
-62.4242, 2.0864

■ 190.9120,
-53.6936, 1.8312

■ 194.2030,
-44.9631, 1.5760

■ 197.4940,
-36.2325, 1.3208

■ 200.8990,
-27.0652, 0.9656

■ 204.1900,
-18.3347, 0.7104

■ 207.4810, -9.6041,
0.4552

■ 210.7720, -0.8736,
0.2000

Harmonies

Analogous

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



186.4700, -89.9577, 60.1008



181.0390, -79.8852, 2.5968



167.2980, -36.1359, -76.5603

Triad

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



181.0390, -79.8852, 2.5968



163.4930, 45.1130, -143.3834



174.0960, 25.0957, 70.9528

Complementary

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



181.0390, -79.8852, 2.5968



48.9610, 79.8852, -2.5968

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.



194.5390, 29.8073, 53.0243



181.0390, -79.8852, 2.5968



155.2750, 49.1644, -136.1762

Square

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



181.0390, -79.8852, 2.5968



166.6730, 42.0662, -146.1722



184.2760, 34.8669, -30.0601



166.4920, -9.1166, 77.6215

Rectangle

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



181.0390, -79.8852, 2.5968



152.1270, -3.5136, -133.4154



184.2760, 34.8669, -30.0601



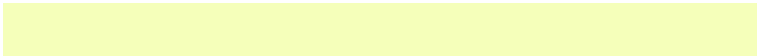
181.7560, 34.1373, 64.2350

Sweetspot

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



181.0390, -79.8852, 2.5968



244.1440, -28.6650, 0.7507



91.6700, -35.8263, 104.6524



121.5320, -17.0243, 0.4104



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.



181.0390, -79.8852, 2.5968



215.1660, -106.0768, 3.3624



152.6340, -65.8816, -55.8070



103.1480, -4.5100, -0.1298



141.9710, -69.9917, 2.6564



34.5320, -17.0243, 0.4104

Inverse Universe

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



48.9610, 79.8852, -2.5968



39.8340, 106.0768, -3.3624



77.3660, 65.8816, 55.8070



95.8520, 4.5100, 0.1298



26.3280, 69.8443, -2.0417



6.4680, 17.0243, -0.4104

Previews

White Background



This preview shows how the YUV color 181.0390, -79.8852, 2.5968 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 181.0390, -79.8852, 2.5968 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 181.0390, -79.8852, 2.5968

Background



This preview shows how black text looks on a background with the YUV color 181.0390, -79.8852, 2.5968.



This preview shows how white text looks on a background with the YUV color 181.0390, -79.8852,

2.5968.

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

181.0390, -79.8852, 2.5968

Protanopia

185.2710, -84.9296, 33.9653

Deuteranopia

189.6660, -73.7853, 52.9129



Tritanopia

199.0200, 6.3991, 0.8595

Trichromacy



Original Color

181.0390, -79.8852, 2.5968

Protanomaly

183.3620, -83.0025, 22.4845

Deuteranomaly

186.2740, -76.0571, 34.8397

Tritanomaly

192.1810, -24.7392, 1.5953

Monochromacy



Original Color

181.0390, -79.8852, 2.5968

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.0300, -29.1018, 0.8507

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0390, -79.8852, 2.5968 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(184, 211, 19)` looks like.

```
.text, #text, p{  
    color:rgb(184, 211, 19)  
}
```

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(184, 211, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 211, 19) }
```

Border

The CSS property to change the border of an element to YUV 181.0390, -79.8852, 2.5968 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(184, 211, 19) }
```


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

```
.border{ border-color:rgb(184, 211, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 211, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 211, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 211, 19);  
box-shadow:4px 4px 4px 4px rgb(184, 211,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 181.0390, -79.8852, 2.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 211, 19) }
```

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

```
.background{ background-color: rgb(184,  
211, 19) }
```

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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