

Converting Colors

YUV(183.0190, -66.0714,
5.2453)

Have a look what the booklet for
YUV(183.0190, -66.0714, 5.2453)
contains.

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Color

**YUV(183.0190, -66.0714,
5.2453)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCE31
RGB	189, 206, 49
RGB Percent	74%, 81%, 19%
CMY	0.2588, 0.1922, 0.8078
CMYK	0.08, 0.00, 0.76, 0.19
HSL	66°, 62%, 50%
HSV	66°, 76%, 81%
XYZ	43.6120, 55.1832, 11.2586
YIQ	183.0190, 40.2650, -52.4310

Conversions

Conversions Part 2

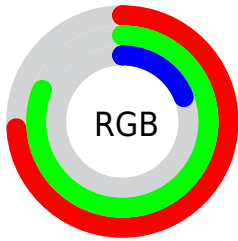
Format	Color
R _Y B	49, 206, 66
Decimal	12439089
CIE Lab	79.15, -24.47, 70.17
CIE LCh	79, 74.316, 109.221
Yxy	55.1832, 0.3963, 0.5014
Android (android.graphics.Color)	4290629169 (0xFFBDCE31)
YUV	183.0190, -66.0714, 5.2453
Hunter-Lab	74.2854, -25.2045, 43.0139

Details

The YUV color **183.0190, -66.0714, 5.2453** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **71.9810, 66.0714, -5.2453**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1490, -63.1775, 10.3933**, and **128.6920, -63.4452, 2.9011** is the 20% darker color. If you saturate the color by 10%, you get **180.0270, -74.9493, 6.1153**, and if you desaturate by 10%, it is **186.0110, -57.1934, 4.3754**.

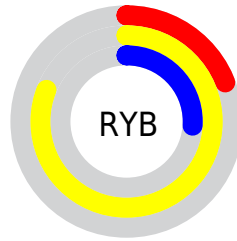
Distribution



Red (74%)

Green (81%)

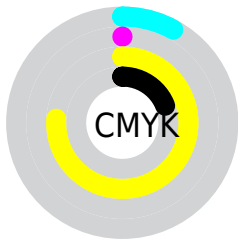
Blue (19%)



Red (19%)

Yellow (81%)

Blue (26%)

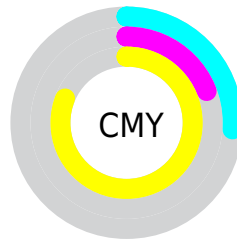


Cyan (8%)

Magenta (0%)

Yellow (76%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.0190, -66.0714, 5.2453 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 183.0190, -66.0714, 5.2453 by changing the saturation by 10% instead.

■ 183.0190,
-66.0714, 5.2453

■ 183.0190,
-66.0714, 5.2453

■ 255.0000, 0.0000,
0.0000

■ 153.3690,
-73.6389, 5.8154

■ 236.1490,
-63.1775, 10.3933

■ 128.6920,
-63.4452, 2.9011

■ 241.4340,
-51.9790, 11.8974

■ 105.0580,
-51.7936, -0.9279

■ 244.6260,
-39.7486, 9.0980

■ 82.3100, -40.5788,
-4.6569

■ 247.9320,
-27.0815, 6.1986

■ 59.8500, -29.5060,
-9.5154

■ 251.2380,
-14.4143, 3.2993

■ 37.9770, -18.7227,
-14.8888

■ 254.6580, -1.3104,

■ 19.3710, -9.5499,

0.2999

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 183.0190,
-66.0714, 5.2453

■ 183.0190,
-66.0714, 5.2453

■ 180.0270,
-74.9493, 6.1153

■ 186.0110,
-57.1934, 4.3754

■ 177.1490,
-83.3905, 6.8853

■ 188.8890,
-48.7523, 3.6053

■ 175.9380,
-86.7374, 7.0704

■ 192.1800,
-40.0217, 3.3501

■ 195.0580,
-31.5806, 2.5801

■ 198.0500,
-22.7026, 1.7102

■ 201.0420,
-13.8247, 0.8402

■ 204.2190, -5.5310,
0.6849

■ 207.2110, 3.3470,
-0.1850

■ 210.0890, 11.7881,
-0.9551

Harmonies

Analogous

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



189.0130, -70.0124, 56.1166



183.0190, -66.0714, 5.2453



171.6360, -35.3165, -59.3168

Triad

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



183.0190, -66.0714, 5.2453



160.5580, 46.5599, -140.8094



179.8520, 21.7650, 65.9048

Complementary

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



183.0190, -66.0714, 5.2453



71.9810, 66.0714, -5.2453

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.



198.0610, 28.0709, 49.9355



183.0190, -66.0714, 5.2453



152.9270, 50.3220, -134.1170

Square

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



183.0190, -66.0714, 5.2453



161.7830, 38.5610, -141.8837



183.9770, 35.0143, -30.6748



171.9860, -8.3741, 72.8033

Rectangle

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



183.0190, -66.0714, 5.2453



149.0780, -2.5035, -130.7414



183.9770, 35.0143, -30.6748



186.5830, 29.7856, 60.0017

Sweetspot

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



183.0190, -66.0714, 5.2453



246.4800, -24.8866, 2.2100



105.3350, -27.7732, 88.2832



122.7000, -15.1351, 1.1401



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.



183.0190, -66.0714, 5.2453



221.0770, -97.6520, 7.8255



159.9960, -54.7210, -42.0925



100.5610, -4.2206, 0.3850



141.6940, -69.8551, 5.5304



32.4720, -16.0087, 1.3401

Inverse Universe

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



71.9810, 66.0714, -5.2453



56.9230, 97.6520, -7.8255



95.0040, 54.7210, 42.0925



93.4390, 4.2206, -0.3850



24.3060, 69.8551, -5.5304



5.5280, 16.0087, -1.3401

Previews

White Background



This preview shows how the YUV color 183.0190, -66.0714, 5.2453 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 183.0190, -66.0714, 5.2453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

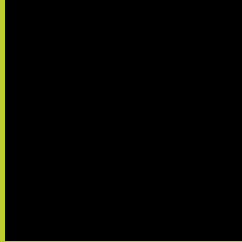
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.0190, -66.0714, 5.2453

Background



This preview shows how black text looks on a background with the YUV color 183.0190, -66.0714, 5.2453.



This preview shows how white text looks on a background with the YUV color 183.0190, -66.0714, 5.2453.

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

183.0190, -66.0714, 5.2453

Protanopia

186.0760, -69.0575, 29.7513

Deuteranopia

189.0490, -64.6072, 49.0690



Tritanopia

196.9990, 4.9305, 5.2629

Trichromacy



Original Color

183.0190, -66.0714, 5.2453

Protanomaly

185.2490, -68.1568, 20.8296

Deuteranomaly

186.8360, -64.9951, 33.4698

Tritanomaly

191.9410, -20.6769, 5.3137

Monochromacy



Original Color

183.0190, -66.0714, 5.2453

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.7080, -24.0130, 2.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.0190, -66.0714, 5.2453 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(189, 206, 49)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 49)  
}
```

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(189, 206, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 49) }
```

Border

The CSS property to change the border of an element to YUV 183.0190, -66.0714, 5.2453 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(189, 206, 49) }
```


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

```
.border{ border-color:rgb(189, 206, 49) }
```

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

Here you see how a box with a 4 pixel rgb(189, 206, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 49);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 183.0190, -66.0714, 5.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 49) }
```

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

```
.background{ background-color: rgb(189,  
206, 49) }
```

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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