

Converting Colors

YUV(182.4590, -66.7813,
-0.4025)

Have a look what the booklet for
YUV(182.4590, -66.7813, -0.4025)
contains.

YUV(182.4590, -66.7813, -0.4025)	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(182.4590, -66.7813,
-0.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D12F
RGB	182, 209, 47
RGB Percent	71%, 82%, 18%
CMY	0.2863, 0.1804, 0.8157
CMYK	0.13, 0.00, 0.78, 0.18
HSL	70°, 64%, 50%
HSV	70°, 78%, 82%
XYZ	42.6050, 55.7512, 11.2049
YIQ	182.4590, 35.9100, -56.1060

Conversions

Conversions Part 2

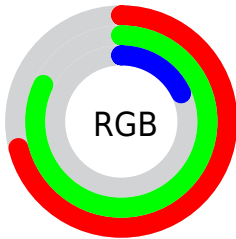
Format	Color
R _Y B	47, 209, 74
Decimal	11981103
CIE Lab	79.47, -28.86, 70.88
CIE LCh	79, 76.534, 112.153
Yxy	55.7512, 0.3889, 0.5089
Android (android.graphics.Color)	4290171183 (0xFFB6D12F)
YUV	182.4590, -66.7813, -0.4025
Hunter-Lab	74.6668, -28.8145, 43.3694

Details

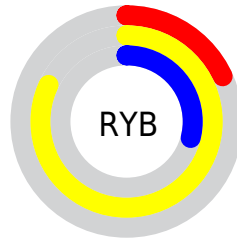
The YUV color **182.4590, -66.7813, -0.4025** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle washed chartreuse. A complement of this color would be **73.5410, 66.7813, 0.4025**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9420, -62.5824, 6.1899**, and **128.3600, -63.2815, -2.9467** is the 20% darker color. If you saturate the color by 10%, you get **179.1680, -75.5118, -0.1473**, and if you desaturate by 10%, it is **185.7500, -58.0508, -0.6578**.

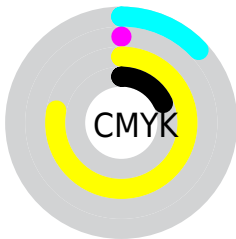
Distribution



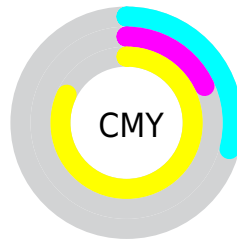
- Red (71%)
- Green (82%)
- Blue (18%)



- Red (18%)
- Yellow (82%)
- Blue (29%)



- Cyan (13%)
- Magenta (0%)
- Yellow (78%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.4590, -66.7813, -0.4025 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 182.4590, -66.7813, -0.4025 by changing the saturation by 10% instead.

■ 182.4590,
-66.7813, -0.4025

■ 182.4590,
-66.7813, -0.4025

■ 255.0000, 0.0000,
0.0000

■ 151.9940,
-74.9330, 0.8823

■ 233.9420,
-62.5824, 6.1899

■ 128.3600,
-63.2815, -2.9467

■ 241.3200,
-52.4158, 11.9974

■ 104.7260,
-51.6299, -6.7757

■ 244.5120,
-40.1854, 9.1980

■ 81.3910, -40.1258,
-9.9899

■ 247.8180,
-27.5183, 6.2986

■ 58.6320, -28.9056,
-15.4633

■ 251.1240,
-14.8511, 3.3993

■ 35.8620, -17.6800,
-22.6810

■ 254.5440, -1.7472,

■ 20.5450, -10.1287,

0.3999

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 182.4590,
-66.7813, -0.4025

■ 182.4590,
-66.7813, -0.4025

■ 179.1680,
-75.5118, -0.1473

■ 185.7500,
-58.0508, -0.6578

■ 175.5780,
-84.0950, -0.5069

■ 189.3400,
-49.4676, -0.2982

■ 174.7090,
-86.1315, -0.6218

■ 192.6310,
-40.7371, -0.5534

■ 196.2210,
-32.1540, -0.1938

■ 199.3980,
-23.8602, -0.3490

■ 202.9880,
-15.2771, 0.0105

■ 206.2790, -6.5465,
-0.2447

■ 209.8690, 2.0366,
0.1149

■ 213.1600, 10.7671,
-0.1403

Harmonies

Analogous

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



188.4380, -74.6589, 53.1129



182.4590, -66.7813, -0.4025



169.3680, -32.2264, -70.4827

Triad

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



182.4590, -66.7813, -0.4025



161.1450, 46.2705, -141.3242



177.5210, 20.4491, 67.9491

Complementary

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



182.4590, -66.7813, -0.4025



73.5410, 66.7813, 0.4025

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.



195.7130, 29.2285, 51.9947



182.4590, -66.7813, -0.4025



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.



182.4590, -66.7813, -0.4025



163.9830, 41.9134, -143.8131



186.6900, 33.6768, -21.6531



171.0740, -11.8685, 73.6031

Rectangle

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



182.4590, -66.7813, -0.4025



151.0500, -0.0246, -132.4708



186.6900, 33.6768, -21.6531



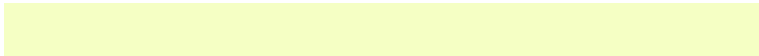
183.6650, 28.7592, 62.5608

Sweetspot

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



182.4590, -66.7813, -0.4025



245.2840, -24.2970, -0.2491



111.2870, -31.6935, 85.6943



122.1020, -14.8403, -0.0895



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.



182.4590, -66.7813, -0.4025



216.0220, -97.6248, -0.8963



159.1370, -55.2835, -48.3551



103.1480, -4.5100, -0.1298



140.4760, -69.2547, -0.4175



34.2330, -16.8769, -0.2043

Inverse Universe

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



73.5410, 66.7813, 0.4025



56.6790, 97.7723, 0.2815



97.7600, 54.8413, 50.1995



95.8520, 4.5100, 0.1298



27.5240, 69.2547, 0.4175



6.7670, 16.8769, 0.2043

Previews

White Background



This preview shows how the YUV color 182.4590, -66.7813, -0.4025 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 182.4590, -66.7813, -0.4025 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 182.4590, -66.7813, -0.4025

Background



This preview shows how black text looks on a background with the YUV color 182.4590, -66.7813, -0.4025.



This preview shows how white text looks on a background with the YUV color 182.4590, -66.7813, -0.4025.

-0.4025.

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

182.4590, -66.7813, -0.4025

Protanopia

186.7340, -70.3679, 30.0513

Deuteranopia

189.3480, -64.7546, 49.6838



Tritanopia

197.6070, 6.1097, 0.3447

Trichromacy



Original Color

182.4590, -66.7813, -0.4025

Protanomaly

185.0100, -69.0249, 19.2852

Deuteranomaly

186.7110, -65.4265, 31.8255

Tritanomaly

192.0220, -20.2238, -0.0193

Monochromacy



Original Color

182.4590, -66.7813, -0.4025

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.2840, -24.2970, -0.2491

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.4590, -66.7813, -0.4025 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(182, 209, 47)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 47)  
}
```

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(182, 209, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 47) }
```

Border

The CSS property to change the border of an element to YUV 182.4590, -66.7813, -0.4025 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(182, 209, 47) }
```


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

```
.border{ border-color:rgb(182, 209, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 209, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 209, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 209, 47);  
box-shadow:4px 4px 4px 4px rgb(182, 209,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 182.4590, -66.7813, -0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 47) }
```

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

```
.background{ background-color: rgb(182,  
209, 47) }
```

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