

Converting Colors

YUV(200.1830, -48.4042,
-61.5505)

Have a look what the booklet for
YUV(200.1830, -48.4042, -61.5505)
contains.

YUV(200.1830, -48.4042, -61.5505)	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(200.1830, -48.4042,
-61.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	82FF66
RGB	130, 255, 102
RGB Percent	51%, 100%, 40%
CMY	0.4902, 0.0000, 0.6000
CMYK	0.49, 0.00, 0.60, 0.00
HSL	109°, 100%, 70%
HSV	109°, 60%, 100%
XYZ	47.3642, 77.2251, 24.9800
YIQ	200.1830, -25.3870, -74.0830

Conversions

Conversions Part 2

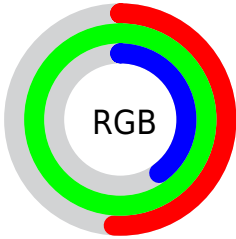
Format	Color
RYB	102, 255, 227
Decimal	8585062
CIELab	90.43, -62.32, 61.06
CIELCh	90, 87.247, 135.588
Yxy	77.2251, 0.3167, 0.5163
Android (android.graphics.Color)	4286775142 (0xFF82FF66)
YUV	200.1830, -48.4042, -61.5505
Hunter-Lab	87.8778, -57.5787, 44.6608

Details

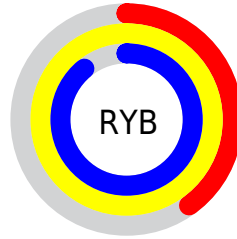
The YUV color **200.1830, -48.4042, -61.5505** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **156.8170, 48.4042, 61.5505**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3930, -33.2247, -30.1627**, and **140.2040, -46.9356, -65.9539** is the 20% darker color. If you saturate the color by 10%, you get **191.0540, -56.2286, -71.9614**, and if you desaturate by 10%, it is **209.4260, -40.1430, -51.2396**.

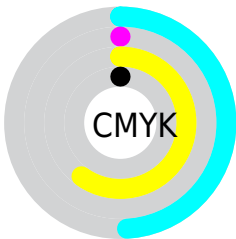
Distribution



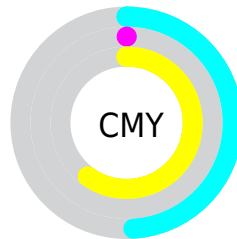
- Red (51%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1830, -48.4042, -61.5505 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 200.1830, -48.4042, -61.5505 by changing the saturation by 10% instead.

■ 200.1830,
-48.4042, -61.5505

■ 200.1830,
-48.4042, -61.5505

■ 255.0000, 0.0000,
0.0000

■ 170.6990,
-47.6726, -62.8800

■ 224.3930,
-33.2247, -30.1627

■ 140.2040,
-46.9356, -65.9539

■ 236.9680,
-25.1272, -14.0039

■ 104.8130,
-50.6868, -76.1350

■ 249.2440,
-16.8823, 1.5400

■ 83.3540, -41.0935,
-73.1015

■ 253.7460, -4.8048,
1.0998

■ 67.5050, -33.2800,
-59.2019

■ 52.2430, -25.7558,
-45.8171

■ 37.5680, -18.5210,

-32.9471

■ 24.0670, -11.8650,
-21.1068

■ 1.7610, -0.8682,
-1.5444

■ 200.1830,
-48.4042, -61.5505

■ 200.1830,
-48.4042, -61.5505

■ 191.0540,
-56.2286, -71.9614

■ 209.4260,
-40.1430, -51.2396

■ 181.8110,
-64.4898, -82.2722

■ 218.5550,
-32.3186, -40.8287

■ 172.5680,
-72.7510, -92.5831

■ 227.7980,
-24.0574, -30.5178

■ 163.7380,
-80.7228, -102.3792

■ 236.6280,
-16.0856, -20.7218

■ 245.8710, -7.8244,
-10.4109

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



211.5090, -86.0329, 14.4626



200.1830, -48.4042, -61.5505



170.5470, 6.1393, -149.5697

Triad

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



200.1830, -48.4042, -61.5505



174.6460, 39.6145, -153.1645



183.9660, 1.9888, 62.2968

Complementary

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



200.1830, -48.4042, -61.5505



156.8170, 48.4042, 61.5505

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.



195.1260, 29.5179, 52.5095



200.1830, -48.4042, -61.5505



202.1410, 26.0595, -51.8667

Square

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



200.1830, -48.4042, -61.5505



178.7550, 37.5888, -156.7681



214.4970, 19.9680, 35.5211



191.0370, -39.4582, 56.0956

Rectangle

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



200.1830, -48.4042, -61.5505



177.1590, 31.4736, -155.3684



214.4970, 19.9680, 35.5211



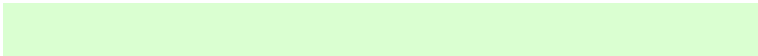
185.8700, 14.3611, 60.6270

Sweetspot

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



200.1830, -48.4042, -61.5505



238.6930, -14.6386, -18.1478



221.1220, -58.7271, 29.7110



117.8170, -9.2768, -11.2405



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.



200.1830, -48.4042, -61.5505



189.1740, -58.2598, -73.8206



197.2830, -23.3105, -83.5632



123.2290, -4.0569, -5.4628



122.5820, -60.4329, -76.8094



41.1560, -20.2899, -25.5698

Inverse Universe

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



156.8170, 48.4042, 61.5505



136.8260, 58.2598, 73.8206



159.7170, 23.3105, 83.5632



119.4720, 4.2043, 4.8481



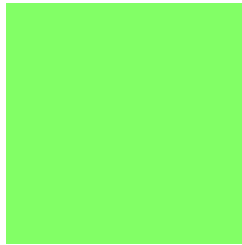
68.4180, 60.4329, 76.8094



22.8440, 20.2899, 25.5698

Previews

White Background



This preview shows how the YUV color 200.1830, -48.4042, -61.5505 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 200.1830, -48.4042, -61.5505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

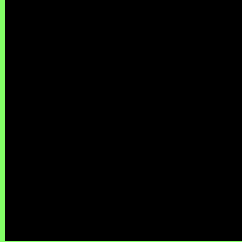
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

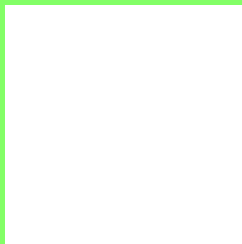
Any Text WCAG AAA ✓ Pass

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

YUV 200.1830, -48.4042, -61.5505 Background



This preview shows how black text looks on a background with the YUV color 200.1830, -48.4042, -61.5505.



This preview shows how white text looks on a background with the YUV color 200.1830, -48.4042, -61.5505.

-61.5505.

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

200.1830, -48.4042, -61.5505

Protanopia

218.6120, -61.9267, 29.2813

Deuteranopia

225.5630, -23.9416, 25.8162



Tritanopia

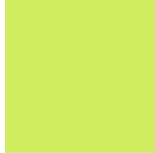
219.3070, 17.5966, -44.1192

Trichromacy



Original Color

200.1830, -48.4042, -61.5505



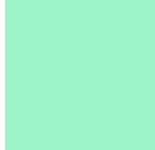
Protanomaly

212.2550, -57.3137, -3.7316



Deuteranomaly

216.6610, -32.8639, -5.8417



Tritanomaly

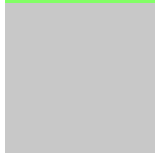
212.2590, -6.5367, -50.2161

Monochromacy



Original Color

200.1830, -48.4042, -61.5505



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.1610, -17.8274, -22.0662

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1830, -48.4042, -61.5505 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(130, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 102)  
}
```

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(130, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 102) }
```

Border

The CSS property to change the border of an element to YUV 200.1830, -48.4042, -61.5505 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(130, 255, 102) }
```


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

```
.border{ border-color:rgb(130, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 200.1830, -48.4042, -61.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 102) }
```

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

```
.background{ background-color: rgb(130,  
255, 102) }
```

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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