

Converting Colors

YUV(117.1900, -18.8277,
-74.7116)

Have a look what the booklet for
YUV(117.1900, -18.8277, -74.7116)
contains.

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Color

**YUV(117.1900, -18.8277,
-74.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	20A84F
RGB	32, 168, 79
RGB Percent	13%, 66%, 31%
CMY	0.8745, 0.3412, 0.6902
CMYK	0.81, 0.00, 0.53, 0.34
HSL	141°, 68%, 39%
HSV	141°, 81%, 66%
XYZ	16.0096, 28.8769, 12.1271
YIQ	117.1900, -52.4870, -56.5110

Conversions

Conversions Part 2

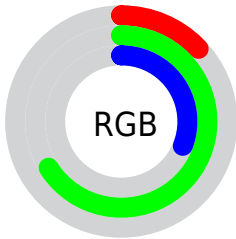
Format	Color
R_{YB}	32, 133, 168
Decimal	2140239
CIE _{Lab}	60.67, -54.35, 35.97
CIE _{LCh}	61, 65.177, 146.506
Yxy	28.8769, 0.2808, 0.5065
Android (android.graphics.Color)	4280330319 (0xFF20A84F)
YUV	117.1900, -18.8277, -74.7116
Hunter-Lab	53.7372, -40.8607, 24.2358

Details

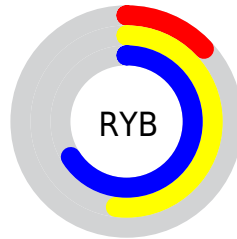
The YUV color **117.1900, -18.8277, -74.7116** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **82.8100, 18.8277, 74.7116**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5070, -22.9280, -66.2196**, and **70.3380, -19.8866, -61.6864** is the 20% darker color. If you saturate the color by 10%, you get **110.8530, -21.1265, -84.0631**, and if you desaturate by 10%, it is **123.5270, -16.5288, -65.3602**.

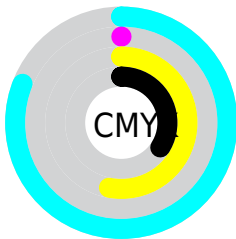
Distribution



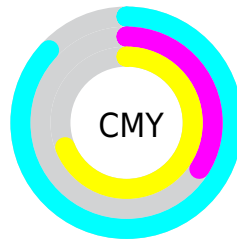
- Red (13%)
- Green (66%)
- Blue (31%)



- Red (13%)
- Yellow (52%)
- Blue (66%)



- Cyan (81%)
- Magenta (0%)
- Yellow (53%)
- Black (34%)



- Cyan (87%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1900, -18.8277, -74.7116 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 117.1900, -18.8277, -74.7116 by changing the saturation by 10% instead.

■ 117.1900,
-18.8277, -74.7116

■ 117.1900,
-18.8277, -74.7116

■ 255.0000, 0.0000,
0.0000

■ 88.9230, -17.2170,
-77.9855

■ 176.5070,
-22.9280, -66.2196

■ 70.3380, -19.8866,
-61.6864

■ 205.5780,
-23.9490, -65.4049

■ 52.4710, -24.8822,
-46.0171

■ 218.5010,
-17.0090, -51.3054

■ 37.5680, -18.5210,
-32.9471

■ 230.6630, -9.2009,
-35.6615

■ 24.6540, -12.1544,
-21.6216

■ 242.9390, -0.9559,
-20.1175

■ 2.9350, -1.4470,
-2.5740

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 117.1900,
-18.8277, -74.7116

■ 117.1900,
-18.8277, -74.7116

■ 110.8530,
-21.1265, -84.0631

■ 123.5270,
-16.5288, -65.3602

■ 105.2280,
-23.2834, -92.2850

■ 129.8640,
-14.2300, -56.0087

■ 135.9020,
-11.7837, -47.2721

■ 142.2390, -9.4848,
-37.9206

■ 148.5760, -7.1860,
-28.5692

■ 154.9130, -4.8871,
-19.2177

■ 161.2500, -2.5882,
-9.8663

■ 167.2880, -0.1420,
-1.1296

■ 173.6250, 2.1569,
8.2219

Harmonies

Analogous

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



133.1990, -52.3561, -7.1905



117.1900, -18.8277, -74.7116



117.2830, 10.2135, -102.8572

Triad

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



117.1900, -18.8277, -74.7116



120.0550, 66.5279, -105.2882



140.9040, -20.6587, 93.0462

Complementary

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



117.1900, -18.8277, -74.7116



82.8100, 18.8277, 74.7116

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.



143.2820, 6.2700, 89.2067



117.1900, -18.8277, -74.7116



146.6260, 50.9634, -12.8270

Square

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



117.1900, -18.8277, -74.7116



126.2040, 57.0874, -110.6809



149.9410, 30.1021, 51.7947



141.4150, -46.0536, 71.5500

Rectangle

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



117.1900, -18.8277, -74.7116



121.7290, 27.2486, -106.7563



149.9410, 30.1021, 51.7947



140.9180, -11.7916, 95.6649

Sweetspot

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



117.1900, -18.8277, -74.7116



199.5760, -7.1860, -28.5692



139.0410, -52.7712, -14.0680



98.0380, -4.4557, -17.5733



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.1900, -18.8277, -74.7116



139.7660, -29.4646, -116.4358



124.7140, 10.0010, -81.3102



81.0380, -1.0047, -4.4183



92.6900, -20.5532, -81.2891



12.5380, -2.7302, -10.9958

Inverse Universe

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



82.8100, 18.8277, 74.7116



86.2340, 29.4646, 116.4358



75.2860, -10.0010, 81.3102



78.9620, 1.0047, 4.4183



55.3100, 20.5532, 81.2891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 117.1900, -18.8277, -74.7116 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1900, -18.8277, -74.7116 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 × Fail

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

YUV 117.1900, -18.8277, -74.7116 Background



This preview shows how black text looks on a background with the YUV color 117.1900, -18.8277, -74.7116.



This preview shows how white text looks on a background with the YUV color 117.1900, -18.8277, -74.7116.

-74.7116.

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

117.1900, -18.8277, -74.7116

Protanopia

141.3480, -34.6816, 17.2348

Deuteranopia

144.1350, -28.1676, 27.9456



Tritanopia

133.4690, 18.5028, -54.7853

Trichromacy



Original Color

117.1900, -18.8277, -74.7116



Protanomaly

132.3330, -28.7582, -16.0780



Deuteranomaly

134.7020, -24.9961, -9.3857



Tritanomaly

127.8690, 4.9946, -62.1521

Monochromacy



Original Color

117.1900, -18.8277, -74.7116



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.2880, -7.0440, -27.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1900, -18.8277, -74.7116 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(32, 168, 79)` looks like.

```
.text, #text, p{  
    color:rgb(32, 168, 79)  
}
```

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(32, 168, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 168, 79) }
```

Border

The CSS property to change the border of an element to YUV 117.1900, -18.8277, -74.7116 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(32, 168, 79) }
```


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

```
.border{ border-color:rgb(32, 168, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 168, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 168, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 168, 79);  
box-shadow:4px 4px 4px 4px rgb(32, 168,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 117.1900, -18.8277, -74.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 168, 79) }
```

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

```
.background{ background-color: rgb(32, 168,  
79) }
```

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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