

Converting Colors

YUV(168.3190, 6.2517, 1.4742)

Have a look what the booklet for
YUV(168.3190, 6.2517, 1.4742)
contains.

YUV(168.3190, 6.2517, 1.4742)	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(168.3190, 6.2517,
1.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA5B5
RGB	170, 165, 181
RGB Percent	67%, 65%, 71%
CMY	0.3333, 0.3529, 0.2902
CMYK	0.06, 0.09, 0.00, 0.29
HSL	259°, 10%, 68%
HSV	259°, 9%, 71%
XYZ	38.3732, 38.7925, 49.1813
YIQ	168.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

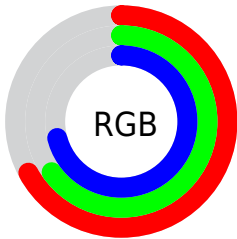
Format	Color
R_{YB}	170, 165, 181
Decimal	11183541
CIE _{Lab}	68.60, 4.89, -7.59
CIE _{LCh}	69, 9.027, 302.771
Yxy	38.7925, 0.3037, 0.3070
Android (android.graphics.Color)	4289373621 (0xFFAAA5B5)
YUV	168.3190, 6.2517, 1.4742
Hunter-Lab	62.2836, 0.9782, -3.2189

Details

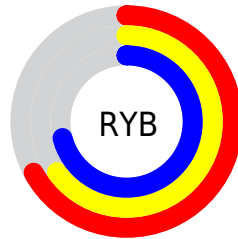
The YUV color **168.3190, 6.2517, 1.4742** is a light color, and the websafe version is hex **999999**. A complement of this color would be **177.6810, -6.2517, -1.4742**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4330, 6.6885, 1.3743**, and **116.2050, 5.8149, 1.5742** is the 20% darker color. If you saturate the color by 10%, you get **154.1650, 13.2297, 3.3633**, and if you desaturate by 10%, it is **182.4730, -0.7262, -0.4148**.

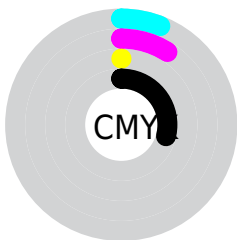
Distribution



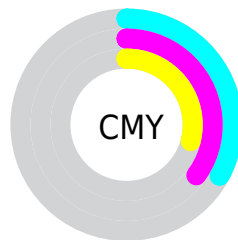
- Red (67%)
- Green (65%)
- Blue (71%)



- Red (67%)
- Yellow (65%)
- Blue (71%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3190, 6.2517, 1.4742 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 168.3190, 6.2517, 1.4742 by changing the saturation by 10% instead.

■ 168.3190, 6.2517,
1.4742

■ 168.3190, 6.2517,
1.4742

■ 255.0000, 0.0000,
0.0000

■ 142.2050, 5.8149,
1.5742

■ 223.4330, 6.6885,
1.3743

■ 116.2050, 5.8149,
1.5742

■ 250.5920, 2.1731,
2.9888

■ 91.7920, 5.5255,
1.0594

■ 68.0910, 5.3781,
1.6742

■ 45.6780, 5.0887,
1.1594

■ 25.2650, 4.7994,
0.6446

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 168.3190, 6.2517,
1.4742

■ 168.3190, 6.2517,
1.4742

■ 154.1650, 13.2297,
3.3633

■ 182.4730, -0.7262,
-0.4148

■ 139.7120, 20.3550,
4.6376

■ 196.9260, -7.8515,
-1.6891

■ 125.5580, 27.3329,
6.5266

■ 211.0800,
-14.8294, -3.5782

■ 111.1050, 34.4582,
7.8009

■ 225.5330,
-21.9548, -4.8524

■ 96.9510, 41.4362,
9.6900

■ 239.6870,
-28.9327, -6.7415

■ 81.9110, 48.8509,
11.4791

■ 243.5740,
-30.8490, 1.2506

■ 67.7570, 55.8288,
13.3681

■ 246.5640,
-32.3231, 7.3984

■ 53.3040, 62.9541,
14.6424

■ 39.1500, 69.9320,
16.5314

Harmonies

Analogous

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



167.3180, 7.7312, -6.4179



168.3190, 6.2517, 1.4742



169.1520, 2.8831, 8.6367

Triad

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



168.3190, 6.2517, 1.4742



167.8290, -7.3107, 11.5510



164.6670, 1.6432, -13.7400

Complementary

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



168.3190, 6.2517, 1.4742



177.6810, -6.2517, -1.4742

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.



164.9620, -2.4463, -8.7367



168.3190, 6.2517, 1.4742



166.9700, -7.8732, 5.2883

Square

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



168.3190, 6.2517, 1.4742



168.5350, -4.7008, 14.4398



166.3820, -6.1043, -2.0890



164.9810, 5.4324, -15.7693

Rectangle

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



168.3190, 6.2517, 1.4742



169.1910, 0.3988, 12.1105



166.3820, -6.1043, -2.0890



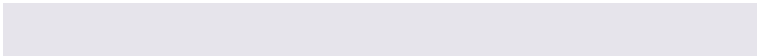
164.6240, 0.1854, -12.8252

Sweetspot

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



168.3190, 6.2517, 1.4742



229.3960, 2.7628, 0.5297



173.2810, 3.8055, -7.2624



113.7550, 1.5998, 0.2149



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



168.3190, 6.2517, 1.4742



214.3560, 10.1775, 2.3188



170.7110, 5.0725, 6.3925



81.9230, 3.4890, 0.9445



31.7940, 59.7546, 14.2127



5.3560, 10.1775, 2.3188

Inverse Universe

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



171.0380, 2.4463, 8.7367



218.8260, 4.0298, 14.1846



175.2890, -5.0725, -6.3925



83.3750, 1.2941, 4.9331



57.7170, 23.3105, 83.5632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 168.3190, 6.2517, 1.4742 looks on a white background.

Color Contrast Check

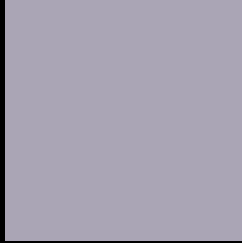
Large Text (above 18pt) WCAG AA × Fail

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 168.3190, 6.2517, 1.4742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

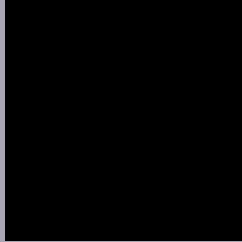
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3190, 6.2517, 1.4742

Background



This preview shows how black text looks on a background with the YUV color 168.3190, 6.2517, 1.4742.



This preview shows how white text looks on a background with the YUV color 168.3190, 6.2517,

1.4742.

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

168.3190, 6.2517, 1.4742

Protanopia

167.8240, 6.9888, -1.5996

Deuteranopia

169.2380, 5.7987, 6.8073



Tritanopia

167.9770, 4.9413, 1.7742

Trichromacy



Original Color

168.3190, 6.2517, 1.4742

Protanomaly

168.1230, 6.8414, -0.9849

Deuteranomaly

168.9280, 5.9515, 4.4481

Tritanomaly

168.0910, 5.3781, 1.6742

Monochromacy



Original Color

168.3190, 6.2517, 1.4742

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3190, 6.2517, 1.4742 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(170, 165, 181)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 181)  
}
```

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(170, 165, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 181) }
```

Border

The CSS property to change the border of an element to YUV 168.3190, 6.2517, 1.4742 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(170, 165, 181) }
```


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

```
.border{ border-color:rgb(170, 165, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 181);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 168.3190, 6.2517, 1.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 181) }
```

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

```
.background{ background-color: rgb(170,  
165, 181) }
```

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