

Converting Colors

YUV(152.8910, 1.5327,
-71.8184)

Have a look what the booklet for
YUV(152.8910, 1.5327, -71.8184)
contains.

YUV(152.8910, 1.5327, -71.8184)	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(152.8910, 1.5327,
-71.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	47C29C
RGB	71, 194, 156
RGB Percent	28%, 76%, 61%
CMY	0.7216, 0.2392, 0.3882
CMYK	0.63, 0.00, 0.20, 0.24
HSL	161°, 50%, 52%
HSV	161°, 63%, 76%
XYZ	27.8911, 42.3235, 38.1517
YIQ	152.8910, -61.1100, -37.8940

Conversions

Conversions Part 2

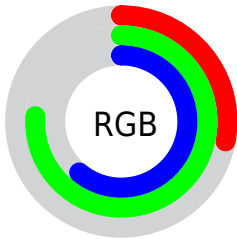
Format	Color
RYB	71, 144, 194
Decimal	4702876
CIELab	71.09, -43.14, 9.16
CIELCh	71, 44.104, 168.010
Yxy	42.3235, 0.2574, 0.3906
Android (android.graphics.Color)	4282892956 (0xFF47C29C)
YUV	152.8910, 1.5327, -71.8184
Hunter-Lab	65.0565, -37.3222, 10.7695

Details

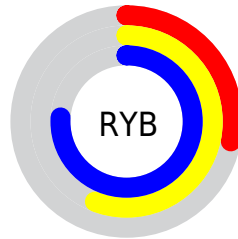
The YUV color **152.8910, 1.5327, -71.8184** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **112.1090, -1.5327, 71.8184**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7450, -0.3673, -69.0594**, and **93.5630, 5.6384, -82.0548** is the 20% darker color. If you saturate the color by 10%, you get **146.5260, 1.7127, -82.8993**, and if you desaturate by 10%, it is **159.2560, 1.3528, -60.7375**.

Distribution



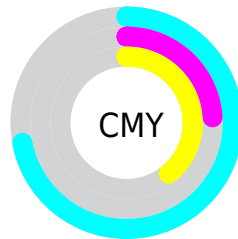
- Red (28%)
- Green (76%)
- Blue (61%)



- Red (28%)
- Yellow (56%)
- Blue (76%)



- Cyan (63%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)




- Cyan (72%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8910, 1.5327, -71.8184 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 152.8910, 1.5327, -71.8184 by changing the saturation by 10% instead.

 152.8910, 1.5327,
-71.8184

 152.8910, 1.5327,
-71.8184


255.0000, 0.0000,
0.0000

 122.4280, 3.7330,
-77.5514


 210.7450, -0.3673,
-69.0594


 93.5630, 5.6384,
-82.0548


 225.0700, 6.8675,
-56.1894


 75.5650, 2.6795,
-66.2705


 235.5650, 9.5815,
-39.9605

 58.2680, -0.1321,
-51.1010

 244.5350, 5.1592,
-21.5172

 41.6720, -2.7963,
-36.5463

 253.5050, 0.7370,
-3.0739

 26.3640, -5.6025,
-23.1212

 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 152.8910, 1.5327,
-71.8184

■ 152.8910, 1.5327,
-71.8184

■ 146.5260, 1.7127,
-82.8993

■ 159.2560, 1.3528,
-60.7375

■ 139.8620, 2.0400,
-94.5950

■ 165.9200, 1.0254,
-49.0418

■ 133.4970, 2.2200,
-105.6759

■ 172.2850, 0.8455,
-37.9609

■ 129.1540, 2.3891,
-113.2681

■ 178.9490, 0.5181,
-26.2653

■ 185.3140, 0.3382,
-15.1844

■ 191.6790, 0.1583,
-4.1035

■ 198.3430, -0.1691,
7.5922

■ 204.7080, -0.3490,
18.6731

■ 211.3720, -0.6764,
30.3688

Harmonies

Analogous

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



163.0800, -21.7314, -29.8882



152.8910, 1.5327, -71.8184



137.0370, 30.0548, -120.1814

Triad

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



152.8910, 1.5327, -71.8184



174.0370, 37.4498, -18.4494



174.2080, -28.6965, 57.6996

Complementary

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



152.8910, 1.5327, -71.8184



112.1090, -1.5327, 71.8184

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.



176.2040, -12.4256, 65.5961



152.8910, 1.5327, -71.8184



179.1690, 24.0737, 25.2848

Square

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



152.8910, 1.5327, -71.8184



158.5740, 46.0590, -73.2944



177.8880, 6.9572, 55.3492



171.9590, -37.9408, 35.9930

Rectangle

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



152.8910, 1.5327, -71.8184



138.5990, 41.1167, -121.5513



177.8880, 6.9572, 55.3492



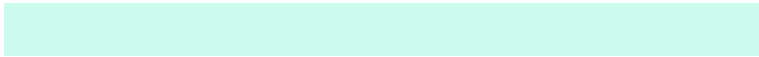
174.9080, -23.6186, 62.3477

Sweetspot

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



152.8910, 1.5327, -71.8184



236.0520, 0.9604, -28.1096



154.8620, -41.3440, -39.3440



117.8900, 0.0542, -17.4435



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.



152.8910, 1.5327, -71.8184



188.1650, 2.3837, -111.5237



143.7220, 24.7871, -63.7772



93.6680, 0.1637, -5.8478



107.1610, 1.8926, -93.9802



21.9930, 0.4965, -19.2879

Inverse Universe

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



112.1090, -1.5327, 71.8184



124.8350, -2.3837, 111.5237



121.2780, -24.7871, 63.7772



90.3320, -0.1637, 5.8478



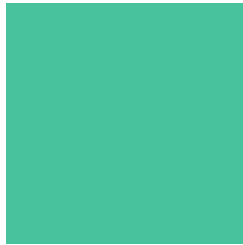
53.8390, -1.8926, 93.9802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 152.8910, 1.5327, -71.8184 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 152.8910, 1.5327, -71.8184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

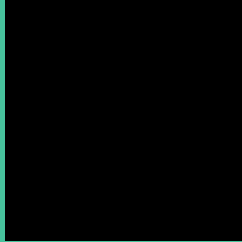
Any Text WCAG AA ✓ Pass

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 152.8910, 1.5327, -71.8184 Background



This preview shows how black text looks on a background with the YUV color 152.8910, 1.5327, -71.8184.



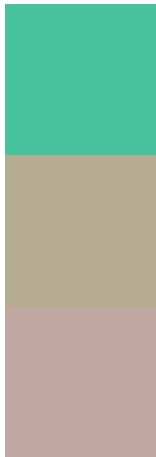
This preview shows how white text looks on a background with the YUV color 152.8910, 1.5327, -71.8184.

-71.8184.

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

152.8910, 1.5327, -71.8184

Protanopia

171.9120, -13.2676, 8.8472

Deuteranopia

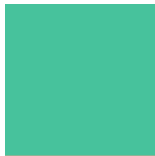
174.2040, -6.0166, 16.4841



Tritanopia

160.1090, 21.1453, -62.3626

Trichromacy



Original Color

152.8910, 1.5327, -71.8184



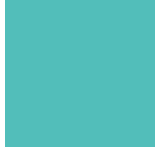
Protanomaly

165.1040, -7.9393, -20.2622



Deuteranomaly

166.6900, -3.2982, -15.5141



Tritanomaly

157.2520, 14.1728, -65.9960

Monochromacy



Original Color

152.8910, 1.5327, -71.8184



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.9490, 0.5181, -26.2653

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8910, 1.5327, -71.8184 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(71, 194, 156)` looks like.

```
.text, #text, p{  
    color:rgb(71, 194, 156)  
}
```

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(71, 194, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 194, 156) }
```

Border

The CSS property to change the border of an element to YUV 152.8910, 1.5327, -71.8184 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(71, 194, 156) }
```


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

```
.border{ border-color:rgb(71, 194, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 194, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 194, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 194, 156);  
box-shadow:4px 4px 4px 4px rgb(71, 194,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 152.8910, 1.5327, -71.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 194, 156) }
```

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

```
.background{ background-color: rgb(71, 194,  
156) }
```

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