

Converting Colors

YUV(164.3170, -51.4283,
-24.8340)

Have a look what the booklet for
YUV(164.3170, -51.4283, -24.8340)
contains.

YUV(164.3170, -51.4283, -24.8340)	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(164.3170, -51.4283,
-24.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	88C73C
RGB	136, 199, 60
RGB Percent	53%, 78%, 24%
CMY	0.4667, 0.2196, 0.7647
CMYK	0.32, 0.00, 0.70, 0.22
HSL	87°, 55%, 51%
HSV	87°, 70%, 78%
XYZ	31.3924, 46.4073, 11.5779
YIQ	164.3170, 7.0710, -56.5850

Conversions

Conversions Part 2

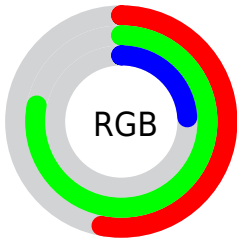
Format	Color
RYB	60, 199, 123
Decimal	8963900
CIELab	73.81, -41.49, 60.09
CIElCh	74, 73.022, 124.622
Yxy	46.4073, 0.3512, 0.5192
Android (android.graphics.Color)	4287153980 (0xFF88C73C)
YUV	164.3170, -51.4283, -24.8340
Hunter-Lab	68.1229, -36.9588, 37.6093

Details

The YUV color **164.3170, -51.4283, -24.8340** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **94.6830, 51.4283, 24.8340**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5020, -52.0125, -24.1193**, and **109.0350, -53.7543, -25.4637** is the 20% darker color. If you saturate the color by 10%, you get **159.3460, -58.8376, -28.3674**, and if you desaturate by 10%, it is **169.2880, -44.0190, -21.3006**.

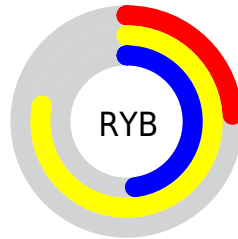
Distribution



Red (53%)

Green (78%)

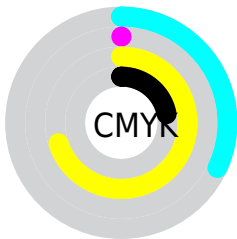
Blue (24%)



Red (24%)

Yellow (78%)

Blue (48%)

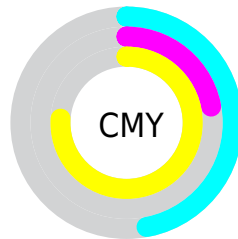


Cyan (32%)

Magenta (0%)

Yellow (70%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3170, -51.4283, -24.8340 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 164.3170, -51.4283, -24.8340 by changing the saturation by 10% instead.

■ 164.3170,
-51.4283, -24.8340

■ 164.3170,
-51.4283, -24.8340

■ 255.0000, 0.0000,
0.0000

■ 135.9750,
-52.7387, -24.5341

■ 220.5020,
-52.0125, -24.1193

■ 109.0350,
-53.7543, -25.4637

■ 232.3650,
-44.0569, -9.0901

■ 85.1020, -41.9553,
-29.9075

■ 244.4130,
-36.6856, 6.6538

■ 60.2720, -29.7141,
-36.1955

■ 248.6160,
-24.4607, 5.5988

■ 40.5030, -19.9680,
-35.5211

■ 251.9220,
-11.7935, 2.6994

■ 27.0020, -13.3120,
-23.6808

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 164.3170,
-51.4283, -24.8340

■ 164.3170,
-51.4283, -24.8340

■ 159.3460,
-58.8376, -28.3674

■ 169.2880,
-44.0190, -21.3006

■ 154.3750,
-66.2469, -31.9009

■ 174.2590,
-36.6097, -17.7671

■ 149.4040,
-73.6562, -35.4343

■ 179.2300,
-29.2004, -14.2337

■ 184.2010,
-21.7911, -10.7003

■ 189.1720,
-14.3818, -7.1668

■ 194.0290, -7.4093,
-3.5334

■ 199.0000, 0.0000,
0.0000

■ 203.9710, 7.4093,
3.5334

■ 208.9420, 14.8186,
7.0669

Harmonies

Analogous

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



170.9360, -73.4254, 30.7511



164.3170, -51.4283, -24.8340



136.4770, -7.6302, -119.6903

Triad

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



164.3170, -51.4283, -24.8340



148.2310, 52.6371, -129.9986



163.5860, 5.1341, 80.1701

Complementary

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



164.3170, -51.4283, -24.8340



94.6830, 51.4283, 24.8340

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.



179.9150, 29.6219, 65.8495



164.3170, -51.4283, -24.8340



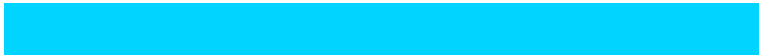
138.2520, 57.5568, -121.2470

Square

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



164.3170, -51.4283, -24.8340



153.5140, 50.0326, -134.6318



181.0070, 36.4785, 13.1489



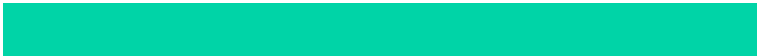
164.3940, -27.3092, 79.4615

Rectangle

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



164.3170, -51.4283, -24.8340



143.4820, 11.5944, -125.8337



181.0070, 36.4785, 13.1489



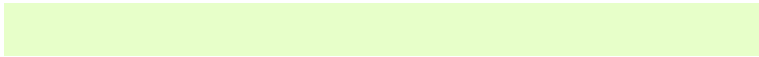
167.2680, 14.1649, 76.9410

Sweetspot

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



164.3170, -51.4283, -24.8340



241.6680, -20.0493, -9.3558



138.5420, -38.7212, 53.0217



119.8670, -11.7664, -6.0224



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.



164.3170, -51.4283, -24.8340



201.6010, -79.1763, -38.2381



143.6860, -41.2572, -67.2536



96.7780, -3.3416, -1.5593



122.2920, -60.2900, -29.1971



27.1120, -13.3662, -6.2372

Inverse Universe

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



94.6830, 51.4283, 24.8340



94.3990, 79.1763, 38.2381



115.3140, 41.2572, 67.2536



92.2220, 3.3416, 1.5593



40.7080, 60.2900, 29.1971



8.8880, 13.3662, 6.2372

Previews

White Background



This preview shows how the YUV color 164.3170, -51.4283, -24.8340 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 164.3170, -51.4283, -24.8340 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 164.3170, -51.4283, -24.8340 Background



This preview shows how black text looks on a background with the YUV color 164.3170, -51.4283, -24.8340.



This preview shows how white text looks on a background with the YUV color 164.3170, -51.4283, -24.8340.

-24.8340.

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

164.3170, -51.4283, -24.8340

Protanopia

172.9150, -58.1321, 25.5075

Deuteranopia

176.2190, -52.3660, 42.7809



Tritanopia

178.4410, 11.1216, -20.5578

Trichromacy



Original Color

164.3170, -51.4283, -24.8340

Protanomaly

170.0760, -55.7465, 6.9493

Deuteranomaly

172.0650, -52.2900, 18.3600

Tritanomaly

173.4690, -11.5702, -22.3363

Monochromacy



Original Color

164.3170, -51.4283, -24.8340

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.3090, -18.8863, -9.0410

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3170, -51.4283, -24.8340 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(136, 199, 60)` looks like.

```
.text, #text, p{  
    color:rgb(136, 199, 60)  
}
```

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(136, 199, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 199, 60) }
```

Border

The CSS property to change the border of an element to YUV 164.3170, -51.4283, -24.8340 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(136, 199, 60) }
```


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

```
.border{ border-color:rgb(136, 199, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 199, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 199, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 199, 60);  
box-shadow:4px 4px 4px 4px rgb(136, 199,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 164.3170, -51.4283, -24.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 199, 60) }
```

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

```
.background{ background-color: rgb(136,  
199, 60) }
```

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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