

Converting Colors

YUV(168.8600, -14.7210,
-38.4652)

Have a look what the booklet for
YUV(168.8600, -14.7210, -38.4652)
contains.

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Color

**YUV(168.8600, -14.7210,
-38.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC58B
RGB	125, 197, 139
RGB Percent	49%, 77%, 55%
CMY	0.5098, 0.2275, 0.4549
CMYK	0.37, 0.00, 0.29, 0.23
HSL	132°, 38%, 63%
HSV	132°, 37%, 77%
XYZ	33.0839, 46.1566, 31.5915
YIQ	168.8600, -24.2940, -33.3020

Conversions

Conversions Part 2

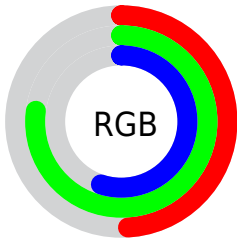
Format	Color
RYB	125, 185, 197
Decimal	8242571
CIELab	73.65, -34.69, 22.16
CIELCh	74, 41.164, 147.430
Yxy	46.1566, 0.2985, 0.4165
Android (android.graphics.Color)	4286432651 (0xFF7DC58B)
YUV	168.8600, -14.7210, -38.4652
Hunter-Lab	67.9386, -31.9689, 19.9871

Details

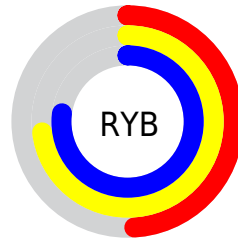
The YUV color **168.8600, -14.7210, -38.4652** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **153.1400, 14.7210, 38.4652**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9200, -15.7366, -39.3948**, and **115.6150, -13.1212, -38.2504** is the 20% darker color. If you saturate the color by 10%, you get **161.0560, -18.7616, -49.1611**, and if you desaturate by 10%, it is **176.6640, -10.6804, -27.7693**.

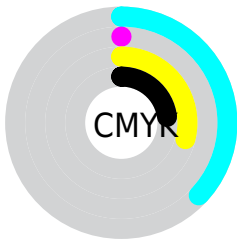
Distribution



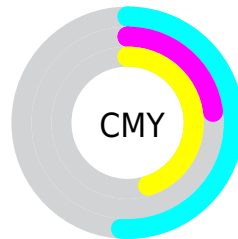
- Red (49%)
- Green (77%)
- Blue (55%)



- Red (49%)
- Yellow (73%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8600, -14.7210, -38.4652 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 168.8600, -14.7210, -38.4652 by changing the saturation by 10% instead.

■ 168.8600,
-14.7210, -38.4652

■ 168.8600,
-14.7210, -38.4652

255.0000, 0.0000,
0.0000

■ 141.3870,
-13.9948, -38.0504

■ 224.9200,
-15.7366, -39.3948

■ 115.6150,
-13.1212, -38.2504

■ 237.0710, -7.9230,
-25.4953

■ 89.5440, -12.1002,
-39.0651

■ 248.9340, 0.0325,
-10.4661

■ 62.9780, -10.3422,
-42.9537

■ 41.6090, -10.6532,
-36.4911

■ 25.8280, -12.7332,
-22.6512

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 168.8600,
-14.7210, -38.4652

■ 168.8600,
-14.7210, -38.4652

■ 161.0560,
-18.7616, -49.1611

■ 176.6640,
-10.6804, -27.7693

■ 153.5510,
-22.9496, -59.2422

■ 184.1690, -6.4923,
-17.6882

■ 145.7470,
-26.9903, -69.9381

■ 191.9730, -2.4517,
-6.9923

■ 138.0570,
-30.5941, -80.7340

■ 199.6630, 1.1521,
3.8035

■ 130.5520,
-34.7821, -90.8151

■ 207.4670, 5.1928,
14.4994

■ 122.7480,
-38.8228, -101.5110

■ 214.9720, 9.3808,
24.5806

■ 119.9710,
-40.4117, -105.2146

■ 220.3840, 14.6007,
30.3582

■ 220.9540, 16.7847,
29.8583

Harmonies

Analogous

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



174.5410, -30.8327, -3.9825



168.8600, -14.7210, -38.4652



159.2800, 8.2430, -77.4216

Triad

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



168.8600, -14.7210, -38.4652



173.8330, 40.0153, -48.0885



182.9170, -17.2141, 61.4628

Complementary

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



168.8600, -14.7210, -38.4652



153.1400, 14.7210, 38.4652

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.



184.5910, 0.6946, 57.3637



168.8600, -14.7210, -38.4652



183.0560, 32.0174, -2.6801

Square

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



168.8600, -14.7210, -38.4652



154.2410, 44.2512, -100.1894



185.9160, 17.7894, 34.2767



180.8820, -31.0008, 50.0925

Rectangle

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



168.8600, -14.7210, -38.4652



146.0980, 27.5597, -113.2189



185.9160, 17.7894, 34.2767



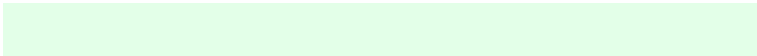
183.7090, -11.6885, 62.5222

Sweetspot

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



168.8600, -14.7210, -38.4652



244.0060, -5.9190, -14.9143



184.9050, -29.5332, -0.7937



121.3210, -3.6093, -9.0515



0.0000, 0.0000, 0.0000



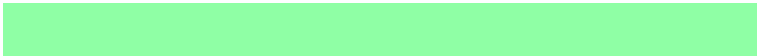
128.0000, 0.0000, 0.0000

Same Dimension

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



168.8600, -14.7210, -38.4652



211.2520, -22.8022, -59.8570



172.8500, 0.5669, -41.9645



95.3970, -2.1677, -4.7332



99.3290, -33.1932, -87.1115



21.9300, -7.3605, -19.2326

Inverse Universe

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



153.1400, 14.7210, 38.4652



186.7480, 22.8022, 59.8570



149.1500, -0.5669, 41.9645



93.6030, 2.1677, 4.7332



63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 168.8600, -14.7210, -38.4652 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 168.8600, -14.7210, -38.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

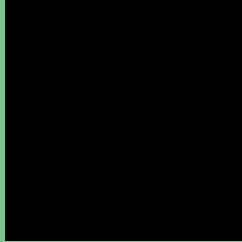
Any Text WCAG AA ✓ Pass

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 168.8600, -14.7210, -38.4652 Background



This preview shows how black text looks on a background with the YUV color 168.8600, -14.7210, -38.4652.



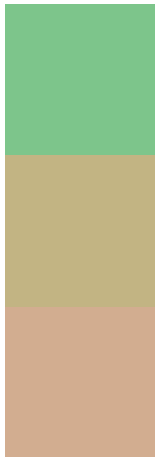
This preview shows how white text looks on a background with the YUV color 168.8600, -14.7210, -38.4652.

-38.4652.

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

168.8600, -14.7210, -38.4652

Protanopia

178.6000, -23.4668, 13.5058

Deuteranopia

180.7570, -18.1212, 25.6461



Tritanopia

175.4610, 14.0697, -32.8533

Trichromacy



Original Color

168.8600, -14.7210, -38.4652

Protanomaly

174.9890, -20.2076, -5.2524

Deuteranomaly

176.5430, -17.0297, 2.1548

Tritanomaly

172.9910, 3.4554, -35.0721

Monochromacy



Original Color

168.8600, -14.7210, -38.4652

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8320, -5.3402, -13.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8600, -14.7210, -38.4652 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(125, 197, 139)` looks like.

```
.text, #text, p{  
    color:rgb(125, 197, 139)  
}
```

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(125, 197, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 197, 139) }
```

Border

The CSS property to change the border of an element to YUV 168.8600, -14.7210, -38.4652 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(125, 197, 139) }
```


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

```
.border{ border-color:rgb(125, 197, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 197, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 197, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 197, 139);  
box-shadow:4px 4px 4px 4px rgb(125, 197,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 168.8600, -14.7210, -38.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 197, 139) }
```

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

```
.background{ background-color: rgb(125,  
197, 139) }
```

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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