

Converting Colors

YUV(168.5300, -4.2053,
-51.3308)

Have a look what the booklet for
YUV(168.5300, -4.2053, -51.3308)
contains.

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Color

**YUV(168.5300, -4.2053,
-51.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC8A0
RGB	110, 200, 160
RGB Percent	43%, 78%, 63%
CMY	0.5686, 0.2157, 0.3725
CMYK	0.45, 0.00, 0.20, 0.22
HSL	153°, 45%, 61%
HSV	153°, 45%, 78%
XYZ	33.4298, 47.1616, 40.5989
YIQ	168.5300, -40.8000, -31.5200

Conversions

Conversions Part 2

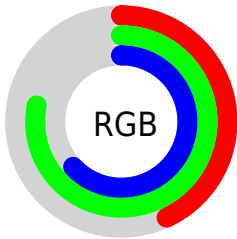
Format	Color
RYB	110, 168, 200
Decimal	7260320
CIELab	74.29, -36.25, 11.73
CIELCh	74, 38.103, 162.075
Yxy	47.1616, 0.2758, 0.3892
Android (android.graphics.Color)	4285450400 (0xFF6EC8A0)
YUV	168.5300, -4.2053, -51.3308
Hunter-Lab	68.6743, -33.2884, 13.0210

Details

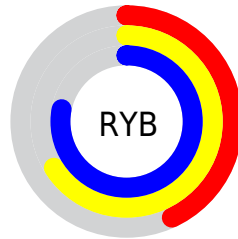
The YUV color **168.5300, -4.2053, -51.3308** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **141.4700, 4.2053, 51.3308**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8290, -4.3527, -50.7160**, and **113.5730, -2.7475, -52.2455** is the 20% darker color. If you saturate the color by 10%, you get **161.5240, -5.1883, -62.7265**, and if you desaturate by 10%, it is **175.5360, -3.2222, -39.9351**.

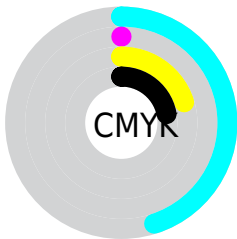
Distribution



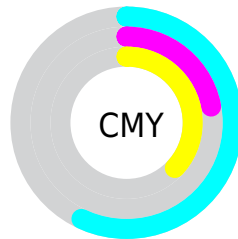
- Red (43%)
- Green (78%)
- Blue (63%)



- Red (43%)
- Yellow (66%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5300, -4.2053, -51.3308 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 168.5300, -4.2053, -51.3308 by changing the saturation by 10% instead.

■ 168.5300, -4.2053,
-51.3308

■ 168.5300, -4.2053,
-51.3308

255.0000, 0.0000,
0.0000

■ 140.7580, -3.3317,
-51.5308

■ 223.8290, -4.3527,
-50.7160

■ 113.5730, -2.7475,
-52.2455

■ 235.3930, 3.7503,
-36.3017

■ 85.1100, -0.5472,
-57.9785

■ 245.4320, 4.7170,
-19.6729

■ 62.1320, -0.5581,
-54.4898

254.4020, 0.2948,
-1.2296

■ 45.5360, -3.2222,
-39.9351

■ 29.0540, -5.4496,
-25.4804

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 168.5300, -4.2053,
-51.3308

■ 168.5300, -4.2053,
-51.3308

■ 161.5240, -5.1883,
-62.7265

■ 175.5360, -3.2222,
-39.9351

■ 154.5180, -6.1714,
-74.1223

■ 182.5420, -2.2392,
-28.5393

■ 147.5120, -7.1544,
-85.5180

■ 189.5480, -1.2562,
-17.1436

■ 140.5060, -8.1375,
-96.9138


■ 196.5540, -0.2731,
-5.7479


■ 133.6140, -8.6837,
-108.4095

■ 203.4460, 0.2731,
5.7479

 130.0540, -9.3936,
-114.0574

 210.4520, 1.2562,
17.1436

 217.4580, 2.2392,
28.5393

 219.9790, 5.4334,
30.7134

 221.0050, 9.3645,
29.8136

Harmonies

Analogous

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



174.4450, -21.9114, -18.8073



168.5300, -4.2053, -51.3308



160.0540, 17.7214, -84.2394

Triad

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



168.5300, -4.2053, -51.3308



181.5050, 34.2610, -22.3679



184.2660, -23.3021, 54.1407

Complementary

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



168.5300, -4.2053, -51.3308



141.4700, 4.2053, 51.3308

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.



186.0010, -7.8885, 57.0041



168.5300, -4.2053, -51.3308



187.2880, 23.5220, 15.5334

Square

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



168.5300, -4.2053, -51.3308



170.0930, 38.9012, -64.1026



187.2780, 8.7369, 44.4832



181.7510, -32.4152, 37.0524

Rectangle

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



168.5300, -4.2053, -51.3308



155.8210, 31.1472, -97.1900



187.2780, 8.7369, 44.4832



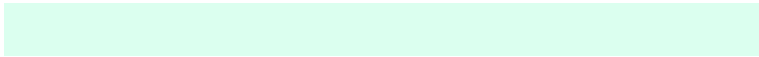
184.5420, -18.5082, 56.5297

Sweetspot

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



168.5300, -4.2053, -51.3308



242.4120, -1.6821, -20.5323



175.0890, -32.0889, -21.1261



120.2820, -1.1250, -12.5253



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.



168.5300, -4.2053, -51.3308



206.7840, -6.3025, -78.7406



170.7420, 14.4242, -53.2707



95.8530, -0.4205, -5.1331



106.0550, -7.4221, -93.0102



23.4120, -1.6821, -20.5323

Inverse Universe

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



141.4700, 4.2053, 51.3308



165.3300, 6.7393, 78.6406



139.8450, -14.7136, 52.7559



93.1470, 0.4205, 5.1331



57.0590, 7.8589, 92.9103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 168.5300, -4.2053, -51.3308 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 168.5300, -4.2053, -51.3308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

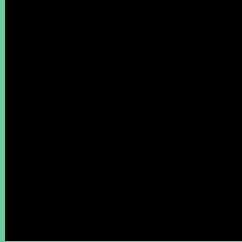
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.5300, -4.2053, -51.3308

Background



This preview shows how black text looks on a background with the YUV color 168.5300, -4.2053, -51.3308.



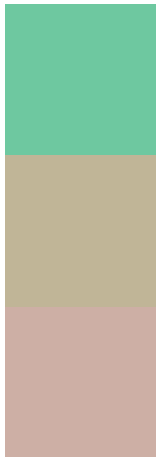
This preview shows how white text looks on a background with the YUV color 168.5300, -4.2053, -51.3308.

-51.3308.

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

168.5300, -4.2053, -51.3308

Protanopia

180.8690, -14.7254, 9.7619

Deuteranopia

182.8300, -8.7902, 19.4431



Tritanopia

173.8940, 17.3073, -44.6340

Trichromacy



Original Color

168.5300, -4.2053, -51.3308



Protanomaly

176.3500, -11.0185, -12.5849



Deuteranomaly

177.4200, -7.1091, -6.5073



Tritanomaly

172.1080, 9.3138, -47.4527

Monochromacy



Original Color

168.5300, -4.2053, -51.3308



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.8360, -1.3981, -18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5300, -4.2053, -51.3308 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(110, 200, 160)` looks like.

```
.text, #text, p{  
    color:rgb(110, 200, 160)  
}
```

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(110, 200, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 200, 160) }
```

Border

The CSS property to change the border of an element to YUV 168.5300, -4.2053, -51.3308 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(110, 200, 160) }
```


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

```
.border{ border-color:rgb(110, 200, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 200, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 200, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 200, 160);  
box-shadow:4px 4px 4px 4px rgb(110, 200,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 168.5300, -4.2053, -51.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 200, 160) }
```

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

```
.background{ background-color: rgb(110,  
200, 160) }
```

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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