

Converting Colors

YUV(164.4300, -15.9880,
-52.1201)

Have a look what the booklet for
YUV(164.4300, -15.9880, -52.1201)
contains.

YUV(164.4300, -15.9880, -52.1201)	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(164.4300, -15.9880,
-52.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	69C984
RGB	105, 201, 132
RGB Percent	41%, 79%, 52%
CMY	0.5882, 0.2118, 0.4824
CMYK	0.48, 0.00, 0.34, 0.21
HSL	137°, 47%, 60%
HSV	137°, 48%, 79%
XYZ	30.8772, 46.4425, 29.1667
YIQ	164.4300, -35.0670, -41.8110

Conversions

Conversions Part 2

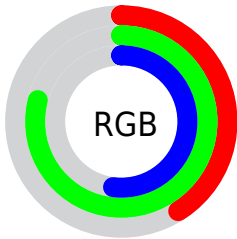
Format	Color
RYB	105, 180, 201
Decimal	6932868
CIELab	73.83, -43.49, 25.96
CIElCh	74, 50.645, 149.168
Yxy	46.4425, 0.2900, 0.4361
Android (android.graphics.Color)	4285122948 (0xFF69C984)
YUV	164.4300, -15.9880, -52.1201
Hunter-Lab	68.1487, -38.3845, 22.3288

Details

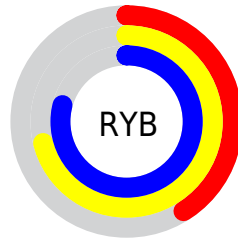
The YUV color **164.4300, -15.9880, -52.1201** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **141.5700, 15.9880, 52.1201**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0280, -16.2828, -50.8906**, and **109.1030, -13.3618, -54.4643** is the 20% darker color. If you saturate the color by 10%, you get **156.8540, -19.1550, -63.0160**, and if you desaturate by 10%, it is **172.0060, -12.8210, -41.2243**.

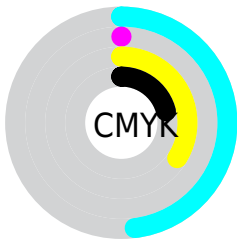
Distribution



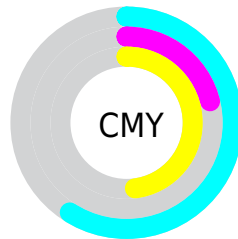
- Red (41%)
- Green (79%)
- Blue (52%)



- Red (41%)
- Yellow (71%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (34%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4300, -15.9880, -52.1201 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 164.4300, -15.9880, -52.1201 by changing the saturation by 10% instead.

■ 164.4300,
-15.9880, -52.1201

■ 164.4300,
-15.9880, -52.1201

255.0000, 0.0000,
0.0000

■ 136.6580,
-15.1144, -52.3201

■ 219.0280,
-16.2828, -50.8906

■ 109.1030,
-13.3618, -54.4643

■ 230.7770, -8.7641,
-35.7614

■ 77.6500, -9.6874,
-66.3450

■ 242.7540, -0.3717,
-20.8323

■ 59.1680, -11.9148,
-51.8903

■ 252.9070, 1.0318,
-4.3034

■ 42.4580, -15.0158,
-37.2357

■ 27.5890, -13.6014,
-24.1956

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 164.4300,
-15.9880, -52.1201

■ 164.4300,
-15.9880, -52.1201

■ 156.8540,
-19.1550, -63.0160

■ 172.0060,
-12.8210, -41.2243

■ 149.1640,
-22.7589, -73.8118

■ 179.6960, -9.2171,
-30.4284

■ 141.5880,
-25.9259, -84.7077

■ 187.2720, -6.0501,
-19.5325

■ 133.8980,
-29.5297, -95.5035

■ 194.9620, -2.4463,
-8.7367

■ 126.3220,
-32.6967, -106.3994

■ 202.8370, 0.5734,
2.7740

■ 124.4850,
-33.2701, -109.1733

■ 210.5270, 4.1772,
13.5698

■ 218.1030, 7.3442,
24.4657

■ 222.5040, 12.5695,
28.4990

■ 223.3020, 15.6271,
27.7991

Harmonies

Analogous

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



172.4990, -37.2210, -8.3306



164.4300, -15.9880, -52.1201



140.7410, 18.8617, -123.4299

Triad

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



164.4300, -15.9880, -52.1201



167.8420, 42.9689, -62.1284



178.3800, -19.4143, 67.1957

Complementary

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



164.4300, -15.9880, -52.1201



141.5700, 15.9880, 52.1201

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.



181.2760, 1.8359, 64.6559



164.4300, -15.9880, -52.1201



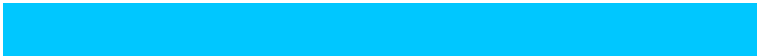
183.5770, 35.2115, -0.5060

Square

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



164.4300, -15.9880, -52.1201



145.8830, 53.7947, -127.9394



186.6060, 21.3932, 45.0725



180.5750, -38.7375, 58.2547

Rectangle

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



164.4300, -15.9880, -52.1201



144.2750, 32.4024, -126.5292



186.6060, 21.3932, 45.0725



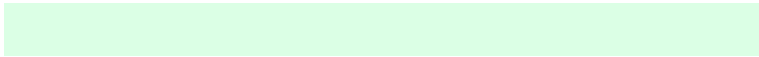
178.2150, -12.4310, 67.3404

Sweetspot

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



164.4300, -15.9880, -52.1201



241.2720, -6.0501, -19.5325



182.2820, -38.1000, -6.3863



119.5980, -3.7458, -11.9254



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.



164.4300, -15.9880, -52.1201



199.7890, -24.0530, -78.7450



169.7880, 4.5415, -56.8191



95.5110, -1.7309, -4.8331



100.9250, -27.0780, -88.5112



22.2720, -6.0501, -19.5325

Inverse Universe

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



141.5700, 15.9880, 52.1201



165.2110, 24.0530, 78.7450



136.2120, -4.5415, 56.8191



93.4890, 1.7309, 4.8331



62.0750, 27.0780, 88.5112



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 164.4300, -15.9880, -52.1201 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 164.4300, -15.9880, -52.1201 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 164.4300, -15.9880, -52.1201 Background



This preview shows how black text looks on a background with the YUV color 164.4300, -15.9880, -52.1201.



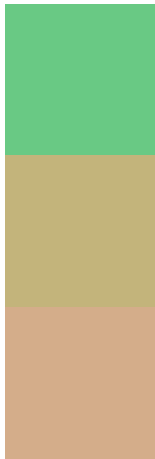
This preview shows how white text looks on a background with the YUV color 164.4300, -15.9880, -52.1201.

-52.1201.

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

164.4300, -15.9880, -52.1201

Protanopia

177.9870, -27.1086, 14.9204

Deuteranopia

180.6710, -21.0368, 27.4755



Tritanopia

173.0790, 16.7231, -43.9193

Trichromacy



Original Color

164.4300, -15.9880, -52.1201



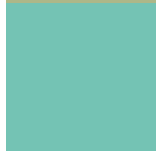
Protanomaly

173.1580, -23.2489, -9.7856



Deuteranomaly

174.6520, -19.0554, -1.4488



Tritanomaly

169.6690, 5.0932, -47.0677

Monochromacy



Original Color

164.4300, -15.9880, -52.1201



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.9840, -5.9081, -18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4300, -15.9880, -52.1201 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(105, 201, 132)` looks like.

```
.text, #text, p{  
    color:rgb(105, 201, 132)  
}
```

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(105, 201, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 201, 132) }
```

Border

The CSS property to change the border of an element to YUV 164.4300, -15.9880, -52.1201 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(105, 201, 132) }
```


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

```
.border{ border-color:rgb(105, 201, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 201, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 201, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 201, 132); box-shadow:4px 4px 4px 4px rgb(105, 201, 132) }
```

Background

The CSS property to change the background color of an element to YUV 164.4300, -15.9880, -52.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 201, 132) }
```

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

```
.background{ background-color: rgb(105,  
201, 132) }
```

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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