

# Converting Colors

YUV(120.0350, -33.0483,  
53.4663)

Have a look what the booklet for  
YUV(120.0350, -33.0483, 53.4663)  
contains.

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# Color

**YUV(120.0350, -33.0483,  
53.4663)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56635
RGB	181, 102, 53
RGB Percent	71%, 40%, 21%
CMY	0.2902, 0.6000, 0.7922
CMYK	0.00, 0.44, 0.71, 0.29
HSL	23°, 55%, 46%
HSV	23°, 71%, 71%
XYZ	24.4500, 19.5835, 5.8595
YIQ	120.0350, 62.8130, 1.5090

# Conversions

## Conversions Part 2

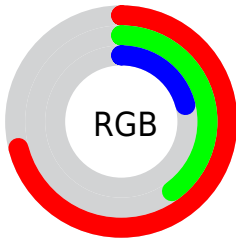
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 132, 53
Decimal	11888181
CIE Lab	51.36, 27.63, 40.63
CIE LCh	51, 49.141, 55.781
Yxy	19.5835, 0.4900, 0.3925
Android (android.graphics.Color)	4290078261 (0xFFB56635)
YUV	120.0350, -33.0483, 53.4663
Hunter-Lab	44.2533, 21.1783, 23.1268

# Details

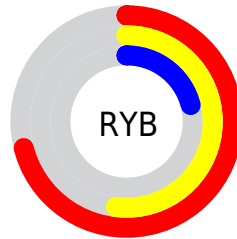
The YUV color **120.0350, -33.0483, 53.4663** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **113.9650, 33.0483, -53.4663**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0850, -35.5379, 58.6845**, and **68.9310, -32.0110, 47.4185** is the 20% darker color. If you saturate the color by 10%, you get **111.5260, -37.7273, 60.9287**, and if you desaturate by 10%, it is **128.5440, -28.3692, 46.0039**.

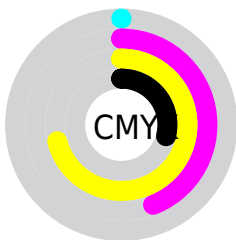
# Distribution



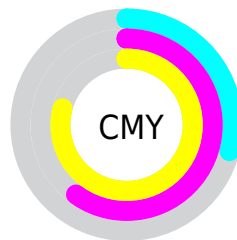
- Red (71%)
- Green (40%)
- Blue (21%)



- Red (71%)
- Yellow (52%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (71%)
- Black (29%)




- Cyan (29%)
- Magenta (60%)
- Yellow (79%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 120.0350, -33.0483, 53.4663 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 120.0350, -33.0483, 53.4663 by changing the saturation by 10% instead.




 120.0350,  
-33.0483, 53.4663


 120.0350,  
-33.0483, 53.4663


255.0000, 0.0000,  
0.0000


 93.9530, -32.0218,  
50.9072


 174.0850,  
-35.5379, 58.6845


 68.9310, -32.0110,  
47.4185


 196.9700,  
-34.4952, 50.8923

 46.0150, -22.6854,  
42.9598

 216.4840,  
-30.8046, 33.7785

 23.5550, -11.6126,  
38.1013

 235.9980,  
-27.1140, 16.6648

 12.8570, -6.3385,  
26.4354

 249.7560,  
-20.0927, 4.5990

 0.0000, 0.0000,  
0.0000

 252.9480, -7.8624,

1.7996

■ 120.0350,  
-33.0483, 53.4663

■ 120.0350,  
-33.0483, 53.4663

■ 111.5260,  
-37.7273, 60.9287

■ 128.5440,  
-28.3692, 46.0039

■ 103.0170,  
-42.4064, 68.3911

■ 137.0530,  
-23.6901, 38.5415

■ 94.6220, -46.6486,  
75.7535

■ 146.1490,  
-19.3005, 30.5643

■ 154.6580,  
-14.6214, 23.1019

■ 163.2810, -9.5055,  
15.5396

■ 171.7900, -4.8265,  
8.0772

■ 180.2990, -0.1474,  
0.6148

■ 188.8080, 4.5317,  
-6.8476

■ 197.9040, 8.9213,  
-14.8248

# Harmonies

## Analogous

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



120.3030, -15.9254, 68.1403



120.0350, -33.0483, 53.4663



117.7640, -42.2817, 28.2710

# Triad

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



120.0350, -33.0483, 53.4663



96.4640, 9.1382, -84.5989



123.2770, 36.8384, -9.0129

# Complementary

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



120.0350, -33.0483, 53.4663



113.9650, 33.0483, -53.4663

# 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.



99.2070, 52.6489, -87.0045



120.0350, -33.0483, 53.4663



101.3660, 27.9206, -88.8980

# Square

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



120.0350, -33.0483, 53.4663



105.7620, -16.1517, -46.2723



102.7800, 43.4925, -90.1381



125.9640, 21.7097, 36.8656



# Rectangle

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



120.0350, -33.0483, 53.4663



115.5010, -40.1800, 7.4536



102.7800, 43.4925, -90.1381



118.7090, 41.5555, -28.6858

# Sweetspot

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



120.0350, -33.0483, 53.4663



211.1030, -12.8688, 20.9577



100.5060, 16.5125, 70.5932



103.1280, -7.4581, 12.1657



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



120.0350, -33.0483, 53.4663



139.9990, -51.7645, 83.3159



156.4290, -50.9905, 21.5488



85.0390, -2.4842, 3.4738



80.3800, -39.6273, 63.6877



13.6440, -6.7265, 10.8362



# Inverse Universe

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



113.9650, 33.0483, -53.4663



130.0010, 51.7645, -83.3159



77.5710, 50.9905, -21.5488



84.5480, 2.1948, -3.9886



72.6200, 39.6273, -63.6877

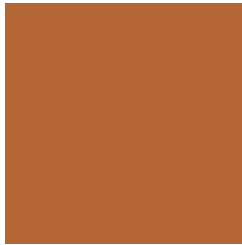


12.3560, 6.7265, -10.8362



# Previews

## White Background



This preview shows how the YUV color 120.0350, -33.0483, 53.4663 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

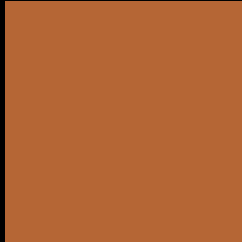
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 120.0350, -33.0483, 53.4663 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 × Fail

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

# YUV 120.0350, -33.0483, 53.4663

## Background



This preview shows how black text looks on a background with the YUV color 120.0350, -33.0483, 53.4663.



This preview shows how white text looks on a background with the YUV color 120.0350, -33.0483,



# 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

120.0350, -33.0483, 53.4663

### Protanopia

119.5910, -29.8714, 14.3907

### Deuteranopia

120.0120, -35.0089, 28.9305



## Tritanopia

123.1100, -9.9142, 53.4005

# Trichromacy



## Original Color

120.0350, -33.0483, 53.4663

## Protanomaly

119.4510, -30.7883, 28.5455

## Deuteranomaly

120.1810, -34.5992, 37.5523

## Tritanomaly

121.9330, -18.2080, 53.5558

# Monochromacy



## Original Color

120.0350, -33.0483, 53.4663

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

119.7330, -11.7004, 19.5282

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.0350, -33.0483, 53.4663 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(181, 102, 53)` looks like.

```
.text, #text, p{  
    color:rgb(181, 102, 53)  
}
```

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(181, 102, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 102, 53) }
```

## Border

The CSS property to change the border of an element to YUV 120.0350, -33.0483, 53.4663 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(181, 102, 53) }
```



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

```
.border{ border-color:rgb(181, 102, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 102, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 102, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 102, 53);  
box-shadow:4px 4px 4px 4px rgb(181, 102,  
53) }
```

# Background

The CSS property to change the background color of an element to YUV 120.0350, -33.0483, 53.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 102, 53) }
```

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

```
.background{ background-color: rgb(181,  
102, 53) }
```

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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