

# Converting Colors

YUV(153.7320, 33.6561,  
31.8070)

Have a look what the booklet for  
YUV(153.7320, 33.6561, 31.8070)  
contains.

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# Color

**YUV(153.7320, 33.6561,  
31.8070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE7ADE
RGB	190, 122, 222
RGB Percent	75%, 48%, 87%
CMY	0.2549, 0.5216, 0.1294
CMYK	0.14, 0.45, 0.00, 0.13
HSL	281°, 60%, 67%
HSV	281°, 45%, 87%
XYZ	41.3796, 30.1401, 72.7439
YIQ	153.7320, 8.4280, 45.5160

# Conversions

## Conversions Part 2

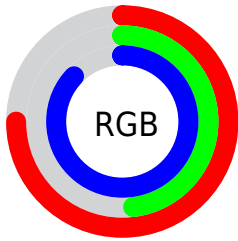
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 122, 222
Decimal	12483294
CIE <sub>Lab</sub>	61.77, 43.72, -40.75
CIE <sub>LCh</sub>	62, 59.761, 317.014
Yxy	30.1401, 0.2868, 0.2089
Android (android.graphics.Color)	4290673374 (0xFFBE7ADE)
YUV	153.7320, 33.6561, 31.8070
Hunter-Lab	54.9000, 38.4649, -40.1307

# Details

The YUV color **153.7320, 33.6561, 31.8070** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **190.2680, -33.6561, -31.8070**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5340, 23.8937, 36.3657**, and **100.9660, 32.0618, 29.8478** is the 20% darker color. If you saturate the color by 10%, you get **138.7250, 41.0546, 38.8292**, and if you desaturate by 10%, it is **168.7390, 26.2577, 24.7849**.

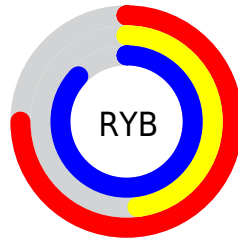
# Distribution



Red (75%)

Green (48%)

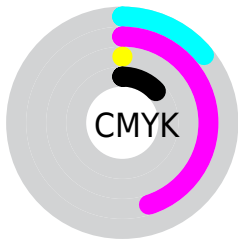
Blue (87%)



Red (75%)

Yellow (48%)

Blue (87%)

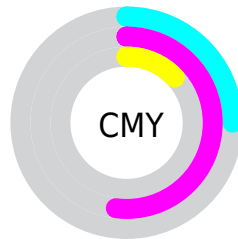


Cyan (14%)

Magenta (45%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (52%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 153.7320, 33.6561, 31.8070 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 153.7320, 33.6561, 31.8070 by changing the saturation by 10% instead.





 153.7320, 33.6561,  
31.8070


 153.7320, 33.6561,  
31.8070


255.0000, 0.0000,  
0.0000

 126.9060, 33.0773,  
30.7774


 206.5340, 23.8937,  
36.3657

 100.9660, 32.0618,  
29.8478


 225.0630, 14.7589,  
26.2547

 75.2540, 31.9198,  
28.7182

 241.4990, 6.6560,  
11.8404

 48.6670, 32.2092,  
29.2330

 26.8900, 30.6202,  
25.5295

 17.2770, 23.5274,  
13.7891

 4.7880, 18.3455,

-4.1991

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 153.7320, 33.6561,  
31.8070

■ 153.7320, 33.6561,  
31.8070

■ 138.7250, 41.0546,  
38.8292

■ 168.7390, 26.2577,  
24.7849

■ 123.7180, 48.4530,  
45.8513

■ 183.7460, 18.8592,  
17.7628

■ 108.1240, 56.1409,  
53.3883

■ 199.3400, 11.1714,  
10.2258

■ 93.1170, 63.5393,  
60.4104

■ 214.3470, 3.7729,  
3.2037

77.8110, 71.0852,  
66.8178

229.6530, -3.7729,  
-3.2037

70.4570, 74.7107,  
70.6362

244.6600,  
-11.1714, -10.2258

246.7530,  
-12.2032, -5.9224

248.8460,  
-13.2351, -1.6189

250.9390,  
-14.2669, 2.6845

# Harmonies

## Analogous

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



145.4230, 52.0495, -34.5740



153.7320, 33.6561, 31.8070



150.3770, 12.1391, 73.3374

# Triad

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



153.7320, 33.6561, 31.8070



143.9420, -52.2294, 45.6549



123.1310, 27.5434, -107.9859

# Complementary

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



153.7320, 33.6561, 31.8070



190.2680, -33.6561, -31.8070

# 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.



115.6870, 4.0983, -101.4575



153.7320, 33.6561, 31.8070



139.9280, -51.2365, 7.0791

# Square

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



153.7320, 33.6561, 31.8070



146.0700, -36.0235, 74.4836



132.0650, -29.1190, -40.3990



126.1410, 49.2305, -110.6257



# Rectangle

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



153.7320, 33.6561, 31.8070



147.2140, -4.0495, 85.7583



132.0650, -29.1190, -40.3990



121.0790, 19.6811, -106.1863

# Sweetspot

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



153.7320, 33.6561, 31.8070



230.5790, 12.0396, 11.7702



152.7710, 34.1299, -26.9862



112.9930, 7.3985, 7.0221



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.



153.7320, 33.6561, 31.8070



160.8380, 46.4219, 43.9921



161.3620, 21.5135, 53.1795



104.6460, 3.6255, 3.8185



55.9440, 59.1876, 56.1771



15.3390, 16.1019, 15.4887



# Inverse Universe

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



155.5480, -0.7632, 58.2784



163.2780, -1.1231, 80.4402



182.6380, -21.5135, -53.1795



104.7450, 0.1257, 6.3626



59.0080, -1.4829, 102.6020



16.1760, -0.0868, 27.9096



# Previews

## White Background



This preview shows how the YUV color 153.7320, 33.6561, 31.8070 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

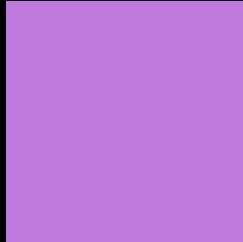
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.7320, 33.6561, 31.8070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

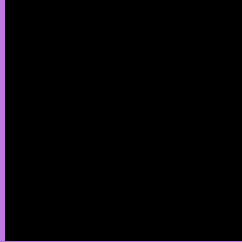
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 153.7320, 33.6561, 31.8070

## Background



This preview shows how black text looks on a background with the YUV color 153.7320, 33.6561, 31.8070.



This preview shows how white text looks on a background with the YUV color 153.7320, 33.6561, 31.8070.



# 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

153.7320, 33.6561, 31.8070

### Protanopia

146.5930, 47.5287, -31.2151

### Deuteranopia

148.0920, 33.9716, -22.8827



## Tritanopia

152.1000, -1.5283, 23.5913

# Trichromacy



## Original Color

153.7320, 33.6561, 31.8070



## Protanomaly

149.0690, 42.3640, -7.9535



## Deuteranomaly

150.5120, 33.7646, -3.0800



## Tritanomaly

152.8520, 11.4120, 26.4398

# Monochromacy



## Original Color

153.7320, 33.6561, 31.8070



## Achromatopsia

154.0000, 0.0000, 0.0000



## Achromatomaly

153.6930, 12.4764, 11.6702

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.7320, 33.6561, 31.8070 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(190, 122, 222)` looks like.

```
.text, #text, p{  
    color:rgb(190, 122, 222)  
}
```

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(190, 122, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 122, 222) }
```

## Border

The CSS property to change the border of an element to YUV 153.7320, 33.6561, 31.8070 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(190, 122, 222) }
```



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

```
.border{ border-color:rgb(190, 122, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 122, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 122, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 122, 222);  
box-shadow:4px 4px 4px 4px rgb(190, 122,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 153.7320, 33.6561, 31.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 122, 222) }
```

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

```
.background{ background-color: rgb(190,  
122, 222) }
```

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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