

# Converting Colors

YUV(152.9530, 18.2642,  
21.9662)

Have a look what the booklet for  
YUV(152.9530, 18.2642, 21.9662)  
contains.

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# Color

**YUV(152.9530, 18.2642,  
21.9662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B285BE
RGB	178, 133, 190
RGB Percent	70%, 52%, 75%
CMY	0.3020, 0.4784, 0.2549
CMYK	0.06, 0.30, 0.00, 0.25
HSL	287°, 30%, 63%
HSV	287°, 30%, 75%
XYZ	36.0419, 29.9577, 52.5980
YIQ	152.9530, 8.5230, 27.2670

# Conversions

## Conversions Part 2

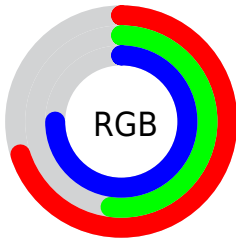
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 133, 190
Decimal	11699646
CIELab	61.62, 27.34, -23.10
CIElCh	62, 35.798, 319.805
Yxy	29.9577, 0.3039, 0.2526
Android (android.graphics.Color)	4289889726 (0xFFB285BE)
YUV	152.9530, 18.2642, 21.9662
Hunter-Lab	54.7337, 21.7576, -18.6630

# Details

The YUV color **152.9530, 18.2642, 21.9662** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170.0470, -18.2642, -21.9662**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7790, 18.8430, 22.9958**, and **101.6000, 16.9592, 20.5218** is the 20% darker color. If you saturate the color by 10%, you get **140.6040, 24.3522, 29.2883**, and if you desaturate by 10%, it is **165.3020, 12.1761, 14.6441**.

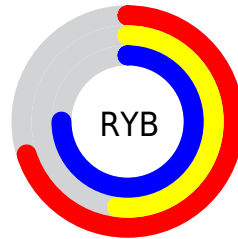
# Distribution



Red (70%)

Green (52%)

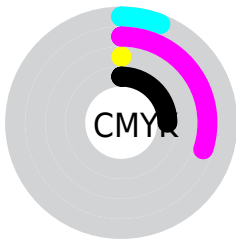
Blue (75%)



Red (70%)

Yellow (52%)

Blue (75%)

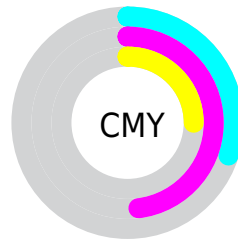


Cyan (6%)

Magenta (30%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (48%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 152.9530, 18.2642, 21.9662 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 152.9530, 18.2642, 21.9662 by changing the saturation by 10% instead.





 152.9530, 18.2642,  
21.9662


 152.9530, 18.2642,  
21.9662


255.0000, 0.0000,  
0.0000

 126.5400, 17.9748,  
21.4514


 207.7790, 18.8430,  
22.9958


 101.6000, 16.9592,  
20.5218


 230.9330, 11.8650,  
21.1068

 76.8880, 16.8172,  
19.3922

 247.9560, 3.4727,  
6.1776

 53.0620, 16.2384,  
18.3626

 30.0620, 16.2384,  
18.3626

 13.9430, 13.3391,  
14.9590

 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 152.9530, 18.2642,  
21.9662

■ 152.9530, 18.2642,  
21.9662

■ 140.6040, 24.3522,  
29.2883

■ 165.3020, 12.1761,  
14.6441

■ 128.2550, 30.4403,  
36.6104

■ 177.6510, 6.0881,  
7.3221

■ 115.9060, 36.5283,  
43.9324

■ 190.0000, 0.0000,  
0.0000

■ 103.5570, 42.6164,  
51.2545

■ 202.3490, -6.0881,  
-7.3221

■ 91.2080, 48.7045,  
58.5766

■ 214.6980,  
-12.1761, -14.6441

78.8590, 54.7925,  
65.8987

227.0470,  
-18.2642, -21.9662

66.5100, 60.8806,  
73.2207

232.9390,  
-21.1689, -23.6255

234.1350,  
-21.7586, -21.1664

235.3310,  
-22.3482, -18.7073

# Harmonies

## Analogous

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



149.4910, 28.8449, -11.8316



152.9530, 18.2642, 21.9662



152.4260, 4.2270, 44.3534

# Triad

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



152.9530, 18.2642, 21.9662



147.2660, -30.2041, 27.8307



116.7080, 25.7800, -102.3529

# Complementary

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



152.9530, 18.2642, 21.9662



170.0470, -18.2642, -21.9662

# 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.



133.1040, 1.9207, -56.2192



152.9530, 18.2642, 21.9662



144.0950, -27.6548, 3.4247

# Square

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



152.9530, 18.2642, 21.9662



149.2110, -23.2750, 45.4190



140.1930, -16.3641, -24.7253



117.4380, 38.7311, -102.9931



# Rectangle

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



152.9530, 18.2642, 21.9662



151.4240, -6.1250, 51.3712



140.1930, -16.3641, -24.7253



125.1360, 16.6950, -81.6803

# Sweetspot

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



152.9530, 18.2642, 21.9662



232.8900, 6.9562, 8.8665



146.5420, 21.4248, -11.8763



115.8850, 4.4937, 5.3629



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



152.9530, 18.2642, 21.9662



189.3750, 28.4091, 34.7511



154.7170, 9.5065, 30.9432



88.1190, 2.8993, 3.4036



55.3870, 50.5882, 61.0506



10.7100, 10.0030, 11.6553



# Inverse Universe

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



151.4110, -3.1606, 33.8426



186.7770, -4.8201, 52.8156



168.2830, -9.5065, -30.9432



87.9190, -0.4531, 5.3330



51.0040, -8.8760, 93.8355

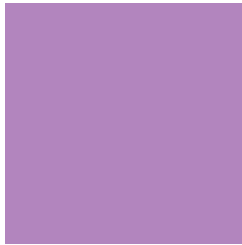


9.9530, -1.9488, 18.4582



# Previews

## White Background



This preview shows how the YUV color 152.9530, 18.2642, 21.9662 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

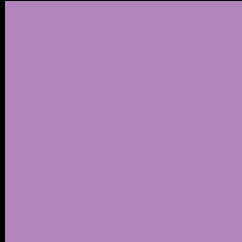
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 152.9530, 18.2642, 21.9662 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 152.9530, 18.2642, 21.9662 Background



This preview shows how black text looks on a background with the YUV color 152.9530, 18.2642, 21.9662.



This preview shows how white text looks on a background with the YUV color 152.9530, 18.2642, 21.9662.

21.9662.

# 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

152.9530, 18.2642, 21.9662

### Protanopia

149.1550, 25.0666, -13.2909

### Deuteranopia

150.0760, 18.2035, -5.3287



## Tritanopia

150.8220, 0.0878, 18.5731

# Trichromacy



## Original Color

152.9530, 18.2642, 21.9662

## Protanomaly

150.5480, 22.4078, -0.4806

## Deuteranomaly

150.8430, 18.3184, 4.5227

## Tritanomaly

151.2550, 6.7763, 19.9474

# Monochromacy



## Original Color

152.9530, 18.2642, 21.9662

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

153.0640, 6.3774, 7.8369

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.9530, 18.2642, 21.9662 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(178, 133, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 133, 190)  
}
```

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(178, 133, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 133, 190) }
```

## Border

The CSS property to change the border of an element to YUV 152.9530, 18.2642, 21.9662 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(178, 133, 190) }
```



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

```
.border{ border-color:rgb(178, 133, 190) }
```

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

Here you see how a box with a 4 pixel rgb(178, 133, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 133, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 133, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 133,  
190) }
```

# Background

The CSS property to change the background color of an element to YUV 152.9530, 18.2642, 21.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 133, 190) }
```

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

```
.background{ background-color: rgb(178,  
133, 190) }
```

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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