

# Converting Colors

YUV(190.4650, 31.8158,  
15.3782)

Have a look what the booklet for  
YUV(190.4650, 31.8158, 15.3782)  
contains.

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# Color

**YUV(190.4650, 31.8158,  
15.3782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0A9FF
RGB	208, 169, 255
RGB Percent	82%, 66%, 100%
CMY	0.1843, 0.3373, 0.0000
CMYK	0.18, 0.34, 0.00, 0.00
HSL	267°, 100%, 83%
HSV	267°, 34%, 100%
XYZ	58.2504, 49.0058, 100.9967
YIQ	190.4650, -4.3620, 35.0140

# Conversions

## Conversions Part 2

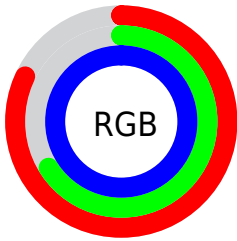
Format	Color
R <sub>Y</sub> B	208, 169, 255
Decimal	13675007
CIE Lab	75.45, 30.51, -37.37
CIE LCh	75, 48.239, 309.226
Yxy	49.0058, 0.2797, 0.2353
Android (android.graphics.Color)	4291865087 (0xFFD0A9FF)
YUV	190.4650, 31.8158, 15.3782
Hunter-Lab	70.0042, 26.0224, -36.5362

# Details

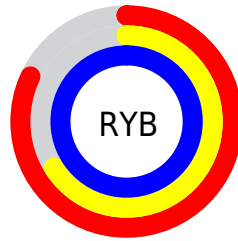
The YUV color **190.4650, 31.8158, 15.3782** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **233.5350, -31.8158, -15.3782**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3900, 8.6817, 15.4440**, and **136.1120, 30.5108, 13.9338** is the 20% darker color. If you saturate the color by 10%, you get **171.6040, 41.1142, 19.6413**, and if you desaturate by 10%, it is **209.9130, 22.2279, 10.6003**.

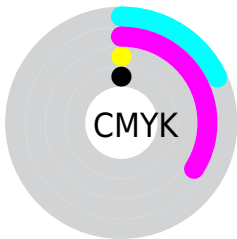
# Distribution



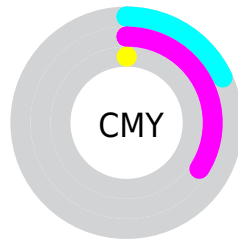
- Red (82%)
- Green (66%)
- Blue (100%)



- Red (82%)
- Yellow (66%)
- Blue (100%)



- Cyan (18%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (34%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 190.4650, 31.8158, 15.3782 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 190.4650, 31.8158, 15.3782 by changing the saturation by 10% instead.




 190.4650, 31.8158,  
15.3782


 190.4650, 31.8158,  
15.3782


255.0000, 0.0000,  
0.0000


 162.9380, 31.0896,  
14.9634


 237.3900, 8.6817,  
15.4440


 136.1120, 30.5108,  
13.9338

 253.8260, 0.5788,  
1.0296

 110.1720, 29.4952,  
13.0042

 85.3460, 28.9164,  
11.9746

 61.4060, 27.9008,  
11.0449

 37.8680, 27.1801,  
8.8858

 14.7430, 26.7487,

7.2414

■ 5.2440, 20.0927,  
-4.5990

■ 3.3230, 10.1938,  
-2.9143

■ 190.4650, 31.8158,  
15.3782

■ 190.4650, 31.8158,  
15.3782

■ 171.6040, 41.1142,  
19.6413

■ 209.9130, 22.2279,  
10.6003

■ 152.1560, 50.7021,  
24.4192

■ 228.7740, 12.9294,  
6.3372

■ 133.2950, 60.0006,  
28.6823

■ 248.2220, 3.3416,  
1.5593

■ 113.8470, 69.5884,  
33.4602

■ 255.0000, 0.0000,  
0.0000

■ 94.9860, 78.8869,  
37.7233

■ 75.5380, 88.4748,  
42.5012

■ 63.7540, 94.2843,  
45.8197

# Harmonies

## Analogous

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



179.8130, 37.0672, -35.7930



190.4650, 31.8158, 15.3782



190.5980, 13.5092, 53.8496

# Triad

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



190.4650, 31.8158, 15.3782



184.1670, -40.0153, 48.0885



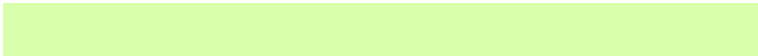
145.3690, 26.4401, -127.4886

# Complementary

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



190.4650, 31.8158, 15.3782



233.5350, -31.8158, -15.3782

# 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.



166.4590, -6.6353, -65.3005



190.4650, 31.8158, 15.3782



181.1000, -41.9543, 16.5753

# Square

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



190.4650, 31.8158, 15.3782



183.4520, -25.3658, 62.7476



175.9580, -30.0523, -21.0112



148.9830, 45.3644, -130.6581



# Rectangle

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



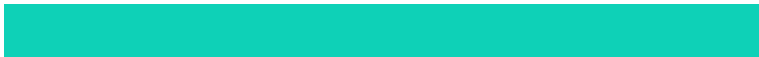
190.4650, 31.8158, 15.3782



185.8410, 1.5574, 60.6524



175.9580, -30.0523, -21.0112



147.7310, 17.3876, -117.2821

# Sweetspot

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



190.4650, 31.8158, 15.3782



236.1390, 9.2985, 4.2631



206.3930, 23.9633, -32.7937



115.9170, 5.9569, 2.7038



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.



190.4650, 31.8158, 15.3782



178.3820, 37.7727, 18.0820



203.3220, 25.4773, 41.8136



118.2760, 4.7939, 2.3889



47.7870, 70.6040, 34.3898



15.9670, 23.6803, 11.4299



# Inverse Universe

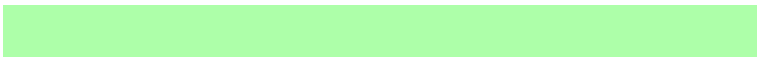
The Inverse Universe completely reimagines the original color for something new.



200.0720, 7.8525, 48.1719



189.8820, 9.4252, 57.1085



220.6780, -25.4773, -41.8136



119.6850, 1.1413, 7.2923



69.0790, 17.7091, 106.9247

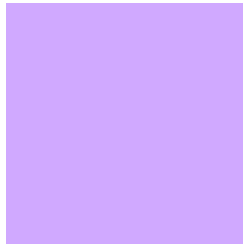


23.1260, 5.8539, 35.8465



# Previews

## White Background



This preview shows how the YUV color 190.4650, 31.8158, 15.3782 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

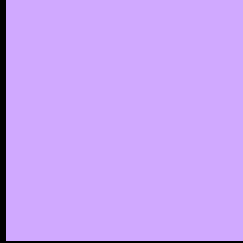
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.4650, 31.8158, 15.3782 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 190.4650, 31.8158, 15.3782 Background



This preview shows how black text looks on a background with the YUV color 190.4650, 31.8158, 15.3782.



This preview shows how white text looks on a background with the YUV color 190.4650, 31.8158,

15.3782.

# 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

190.4650, 31.8158, 15.3782

### Protanopia

186.1140, 33.9608, -19.3940

### Deuteranopia

186.0820, 32.4976, -16.7349



## Tritanopia

187.6790, 3.6093, 9.0515

# Trichromacy



## Original Color

190.4650, 31.8158, 15.3782



## Protanomaly

187.9630, 33.0492, -6.9836



## Deuteranomaly

187.7460, 32.1702, -5.0392



## Tritanomaly

189.0350, 13.7867, 11.3703

# Monochromacy



## Original Color

190.4650, 31.8158, 15.3782



## Achromatopsia

190.0000, 0.0000, 0.0000



## Achromatomaly

190.1330, 11.7664, 6.0224

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.4650, 31.8158, 15.3782 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(208, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 169, 255)  
}
```

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(208, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 169, 255) }
```

## Border

The CSS property to change the border of an element to YUV 190.4650, 31.8158, 15.3782 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(208, 169, 255) }
```



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

```
.border{ border-color:rgb(208, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 169,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 190.4650, 31.8158, 15.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 169, 255) }
```

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

```
.background{ background-color: rgb(208,  
169, 255) }
```

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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