

# Converting Colors

YUV(175.5940, 36.1892,  
12.6341)

Have a look what the booklet for  
YUV(175.5940, 36.1892, 12.6341)  
contains.

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# Color

**YUV(175.5940, 36.1892,  
12.6341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9AF9
RGB	190, 154, 249
RGB Percent	75%, 60%, 98%
CMY	0.2549, 0.3961, 0.0235
CMYK	0.24, 0.38, 0.00, 0.02
HSL	263°, 89%, 79%
HSV	263°, 38%, 98%
XYZ	49.8897, 40.8979, 94.8871
YIQ	175.5940, -9.0390, 37.1770

# Conversions

## Conversions Part 2

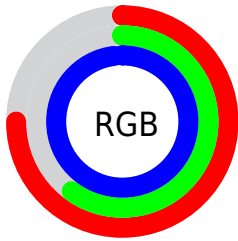
Format	Color
R <sub>Y</sub> B	190, 154, 249
Decimal	12491513
CIE <sub>Lab</sub>	70.10, 32.19, -42.58
CIE <sub>LCh</sub>	70, 53.378, 307.090
Yxy	40.8979, 0.2687, 0.2203
Android (android.graphics.Color)	4290681593 (0xFFBE9AF9)
YUV	175.5940, 36.1892, 12.6341
Hunter-Lab	63.9515, 27.3360, -43.2047

# Details

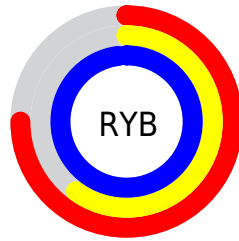
The YUV color **175.5940, 36.1892, 12.6341** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **227.4060, -36.1892, -12.6341**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9050, 14.3438, 19.3773**, and **122.1270, 34.4474, 11.2896** is the 20% darker color. If you saturate the color by 10%, you get **156.4340, 45.6350, 16.2824**, and if you desaturate by 10%, it is **194.7540, 26.7433, 8.9857**.

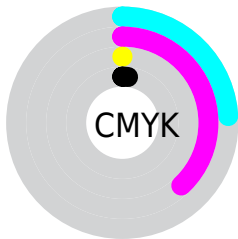
# Distribution



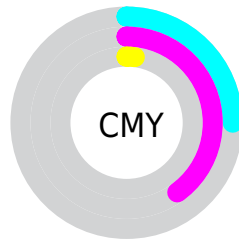
- Red (75%)
- Green (60%)
- Blue (98%)



- Red (75%)
- Yellow (60%)
- Blue (98%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (40%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 175.5940, 36.1892, 12.6341 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 175.5940, 36.1892, 12.6341 by changing the saturation by 10% instead.





 175.5940, 36.1892,  
12.6341


 175.5940, 36.1892,  
12.6341


255.0000, 0.0000,  
0.0000


 148.6540, 35.1736,  
11.7044


 225.9050, 14.3438,  
19.3773


 122.1270, 34.4474,  
11.2896

 244.4340, 5.2090,  
9.2664

 96.8880, 33.5792,  
9.7452

 71.9480, 32.5636,  
8.8156

 47.9970, 31.5535,  
6.1416

 23.5730, 31.2695,  
3.8825

 9.3890, 26.9232,

-2.0952

■ 6.3210, 16.6037,  
-5.5435

■ 2.6390, 7.5730,  
-2.3144

■ 175.5940, 36.1892,  
12.6341

■ 175.5940, 36.1892,  
12.6341

■ 156.4340, 45.6350,  
16.2824

■ 194.7540, 26.7433,  
8.9857

■ 136.9750, 55.2283,  
19.3159

■ 214.2130, 17.1500,  
5.9522

■ 117.8150, 64.6742,  
22.9642

■ 233.3730, 7.7041,  
2.3039

■ 98.3560, 74.2675,  
25.9978

■ 252.8320, -1.8892,  
-0.7297

■ 79.1960, 83.7134,  
29.6461

■ 254.3160, -2.6208,  
0.5999

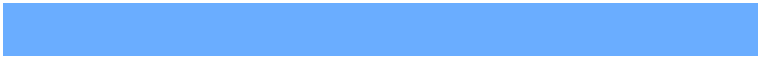
■ 60.3240, 93.0173,  
32.1649

■ 56.4920, 94.9064,  
32.8945

# Harmonies

## Analogous

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



162.3150, 45.6937, -49.3883



175.5940, 36.1892, 12.6341



175.5320, 16.9927, 56.5384

# Triad

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



175.5940, 36.1892, 12.6341



168.9890, -43.3786, 53.5066



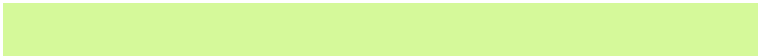
135.8000, 22.7766, -119.0966

# Complementary

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



175.5940, 36.1892, 12.6341



227.4060, -36.1892, -12.6341

# 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.



147.7740, -7.7766, -72.5928



175.5940, 36.1892, 12.6341



165.5690, -46.6225, 20.5490

# Square

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



175.5940, 36.1892, 12.6341



170.3610, -27.2930, 74.2284



159.9320, -33.9835, -20.1114



139.8700, 43.4481, -122.6660



# Rectangle

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



175.5940, 36.1892, 12.6341



172.8470, 2.5404, 72.0482



159.9320, -33.9835, -20.1114



133.2750, 15.6404, -116.8822

# Sweetspot

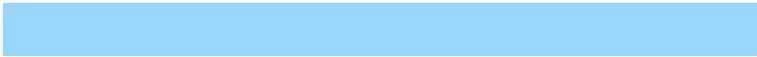
The Sweet Spot groups the original color and five complimentary colors.



175.5940, 36.1892, 12.6341



233.4810, 10.6089, 3.9632



200.0500, 24.1324, -40.3858



114.7320, 6.5411, 1.9890



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.



175.5940, 36.1892, 12.6341



164.4940, 44.6195, 15.3528



189.3480, 29.4084, 40.9138



114.9770, 4.9413, 1.7742



43.0740, 71.9415, 25.3681



13.8310, 23.2543, 8.0412



# Inverse Universe

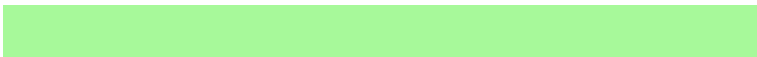
The Inverse Universe completely reimagines the original color for something new.



189.1310, 11.7674, 52.5051



181.3050, 14.6396, 64.6305



213.6520, -29.4084, -40.9138



116.7990, 1.5781, 7.1923



69.8490, 23.2454, 104.4954

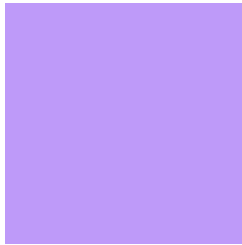


22.5710, 7.6065, 33.7022



# Previews

## White Background



This preview shows how the YUV color 175.5940, 36.1892, 12.6341 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

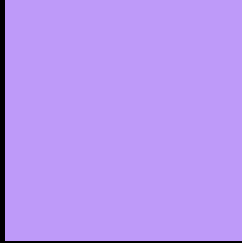
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.5940, 36.1892, 12.6341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

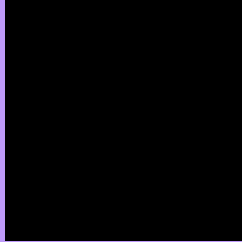
Any Text WCAG AA ✓ Pass

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 175.5940, 36.1892, 12.6341 Background



This preview shows how black text looks on a background with the YUV color 175.5940, 36.1892, 12.6341.



This preview shows how white text looks on a background with the YUV color 175.5940, 36.1892, 12.6341.



# 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

175.5940, 36.1892, 12.6341

### Protanopia

170.7310, 41.5446, -25.1971

### Deuteranopia

170.5910, 37.1766, -24.1973



## Tritanopia

172.4720, 4.2043, 4.8481

# Trichromacy



## Original Color

175.5940, 36.1892, 12.6341

## Protanomaly

172.6510, 39.6121, -11.9719

## Deuteranomaly

172.2660, 36.8439, -10.7573

## Tritanomaly

173.5830, 15.9816, 7.3817

# Monochromacy



## Original Color

175.5940, 36.1892, 12.6341

## Achromatopsia

176.0000, 0.0000, 0.0000

## Achromatomaly

175.8770, 13.3716, 4.4929

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.5940, 36.1892, 12.6341 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, 154, 249)` looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 249)  
}
```

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, 154, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 249) }
```

## Border

The CSS property to change the border of an element to YUV 175.5940, 36.1892, 12.6341 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, 154, 249) }
```



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

```
.border{ border-color:rgb(190, 154, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 154, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 249);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 175.5940, 36.1892, 12.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 154, 249) }
```

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

```
.background{ background-color: rgb(190,  
154, 249) }
```

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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