

Converting Colors

YUV(175.0620, 36.4514,
21.8706)

Have a look what the booklet for
YUV(175.0620, 36.4514, 21.8706)
contains.

YUV(175.0620, 36.4514, 21.8706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.0620, 36.4514,
21.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	C894F9
RGB	200, 148, 249
RGB Percent	78%, 58%, 98%
CMY	0.2157, 0.4196, 0.0235
CMYK	0.20, 0.41, 0.00, 0.02
HSL	271°, 89%, 78%
HSV	271°, 41%, 98%
XYZ	51.5082, 40.2987, 94.6862
YIQ	175.0620, -1.4290, 42.4350

Conversions

Conversions Part 2

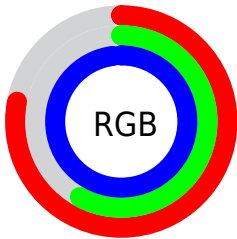
Format	Color
R _Y B	200, 148, 249
Decimal	13145337
CIE _{Lab}	69.68, 38.33, -43.17
CIE _{LCh}	70, 57.731, 311.598
Y _{xy}	40.2987, 0.2762, 0.2161
Android (android.graphics.Color)	4291335417 (0xFFC894F9)
YUV	175.0620, 36.4514, 21.8706
Hunter-Lab	63.4813, 33.7413, -43.9978

Details

The YUV color **175.0620, 36.4514, 21.8706** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221.9380, -36.4514, -21.8706**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4760, 15.0483, 26.7695**, and **121.2960, 34.8571, 19.9114** is the 20% darker color. If you saturate the color by 10%, you get **156.7990, 45.4551, 27.3633**, and if you desaturate by 10%, it is **193.3250, 27.4478, 16.3780**.

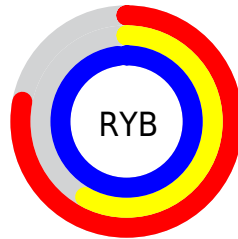
Distribution



Red (78%)

Green (58%)

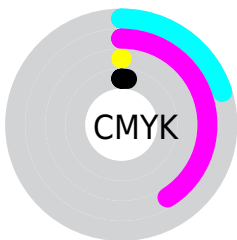
Blue (98%)



Red (78%)

Yellow (58%)

Blue (98%)

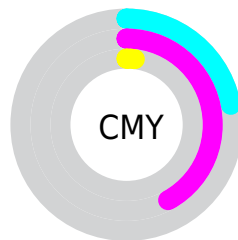


Cyan (20%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (22%)


Magenta (42%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.0620, 36.4514, 21.8706 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 175.0620, 36.4514, 21.8706 by changing the saturation by 10% instead.


 175.0620, 36.4514,
21.8706


 175.0620, 36.4514,
21.8706


255.0000, 0.0000,
0.0000

 148.1220, 35.4359,
20.9410


 224.4760, 15.0483,
26.7695


 121.2960, 34.8571,
19.9114

 240.9120, 6.9454,
12.3552

 95.4700, 34.2783,
18.8818

 70.5300, 33.2627,
17.9522

 45.7040, 32.6839,
16.9226

 21.2800, 32.4000,
14.6634

 12.2650, 25.0124,

4.1526

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 175.0620, 36.4514,
21.8706

■ 175.0620, 36.4514,
21.8706

■ 156.7990, 45.4551,
27.3633

■ 193.3250, 27.4478,
16.3780

■ 138.5360, 54.4588,
32.8559

■ 211.5880, 18.4441,
10.8853

■ 120.2730, 63.4624,
38.3486

■ 229.8510, 9.4405,
5.3927

■ 102.0100, 72.4661,
43.8412

■ 248.1140, 0.4368,
-0.1000

■ 83.7470, 81.4697,
49.3339

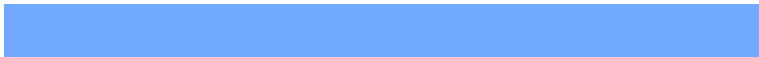
■ 254.3160, -2.6208,
0.5999

■ 66.6580, 89.8946,
53.7969

Harmonies

Analogous

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



162.0600, 45.8194, -43.0256



175.0620, 36.4514, 21.8706



173.5440, 15.5078, 66.1749

Triad

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



175.0620, 36.4514, 21.8706



166.8980, -48.7567, 51.8325



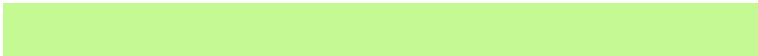
136.7120, 26.2710, -119.8964

Complementary

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



175.0620, 36.4514, 21.8706



221.9380, -36.4514, -21.8706

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.



129.2680, 2.8259, -113.3680



175.0620, 36.4514, 21.8706



162.9120, -50.2426, 14.9862

Square

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



175.0620, 36.4514, 21.8706



167.8190, -31.9558, 76.4577



156.5780, -33.8090, -29.4479



141.0100, 47.8161, -123.6658

Rectangle

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



175.0620, 36.4514, 21.8706



168.4130, 0.7824, 75.9368



156.5780, -33.8090, -29.4479



134.5460, 17.9718, -117.9968

Sweetspot

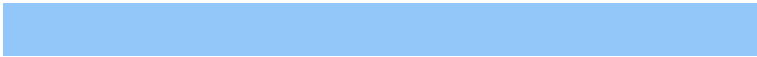
The Sweet Spot groups the original color and five complimentary colors.



175.0620, 36.4514, 21.8706



232.3180, 11.1822, 6.7371



189.4510, 29.3577, -36.3525



114.7430, 6.5357, 3.7334



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.



175.0620, 36.4514, 21.8706



163.3860, 45.1657, 26.8485



189.7130, 29.2285, 51.9947



115.5750, 4.6465, 3.0037



50.5490, 68.2563, 40.7375



16.5220, 21.9277, 13.5742

Inverse Universe

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



183.7850, 6.5150, 57.1936



174.3290, 8.2188, 70.7485



207.2870, -29.2285, -51.9947



116.6850, 1.1413, 7.2923



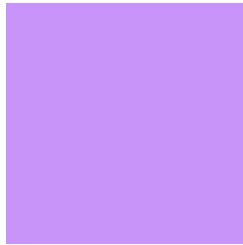
66.9990, 12.3255, 106.9949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 175.0620, 36.4514, 21.8706 looks on a white background.

Color Contrast Check

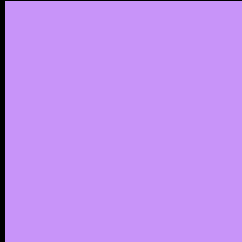
Large Text (above 18pt) WCAG AA × Fail

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 175.0620, 36.4514, 21.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

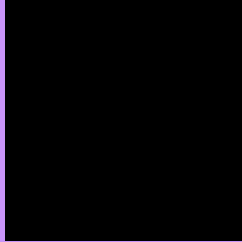
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.0620, 36.4514, 21.8706

Background



This preview shows how black text looks on a background with the YUV color 175.0620, 36.4514, 21.8706.



This preview shows how white text looks on a background with the YUV color 175.0620, 36.4514, 21.8706.

21.8706.

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

175.0620, 36.4514, 21.8706

Protanopia

169.5460, 42.1288, -25.9118

Deuteranopia

169.2920, 37.3240, -24.8121



Tritanopia

172.5440, 1.7038, 13.5549

Trichromacy



Original Color

175.0620, 36.4514, 21.8706



Protanomaly

171.7870, 40.0380, -8.5832



Deuteranomaly

170.9890, 36.9804, -7.8834



Tritanomaly

173.2960, 14.6441, 16.4034

Monochromacy



Original Color

175.0620, 36.4514, 21.8706



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.8990, 13.3608, 7.9816

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0620, 36.4514, 21.8706 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(200, 148, 249)` looks like.

```
.text, #text, p{  
    color:rgb(200, 148, 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(200, 148, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 148, 249) }
```

Border

The CSS property to change the border of an element to YUV 175.0620, 36.4514, 21.8706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

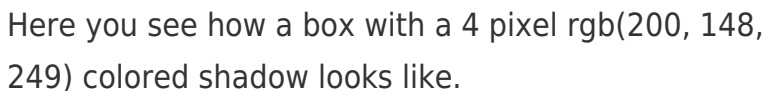
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 148, 249) }
```


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

```
.border{ border-color:rgb(200, 148, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 148, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 148, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 148, 249); box-shadow:4px 4px 4px 4px rgb(200, 148, 249) }
```

Background

The CSS property to change the background color of an element to YUV 175.0620, 36.4514, 21.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 148, 249) }
```

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

```
.background{ background-color: rgb(200,  
148, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor