

Converting Colors

YUV(155.3340, 33.8523,
15.4931)

Have a look what the booklet for
YUV(155.3340, 33.8523, 15.4931)
contains.

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Color

**YUV(155.3340, 33.8523,
15.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	AD85E0
RGB	173, 133, 224
RGB Percent	68%, 52%, 88%
CMY	0.3216, 0.4784, 0.1216
CMYK	0.23, 0.41, 0.00, 0.12
HSL	266°, 59%, 70%
HSV	266°, 41%, 88%
XYZ	39.0757, 31.0411, 74.4530
YIQ	155.3340, -5.3710, 36.7810

Conversions

Conversions Part 2

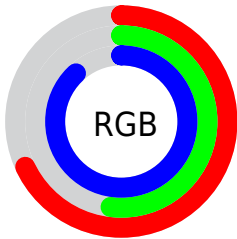
Format	Color
R _{YB}	173, 133, 224
Decimal	11372000
CIE Lab	62.54, 33.24, -40.78
CIE LCh	63, 52.613, 309.184
Yxy	31.0411, 0.2703, 0.2147
Android (android.graphics.Color)	4289562080 (0xFFAD85E0)
YUV	155.3340, 33.8523, 15.4931
Hunter-Lab	55.7146, 27.6913, -40.2308

Details

The YUV color **155.3340, 33.8523, 15.4931** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **201.6660, -33.8523, -15.4931**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6090, 23.3638, 19.6369**, and **103.4540, 31.8212, 13.6338** is the 20% darker color. If you saturate the color by 10%, you get **138.5330, 42.1352, 18.8266**, and if you desaturate by 10%, it is **172.1350, 25.5694, 12.1596**.

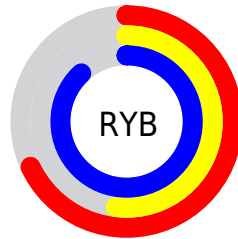
Distribution



Red (68%)

Green (52%)

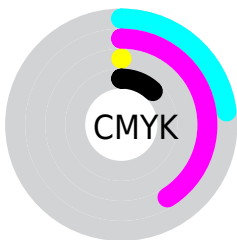
Blue (88%)



Red (68%)

Yellow (52%)

Blue (88%)

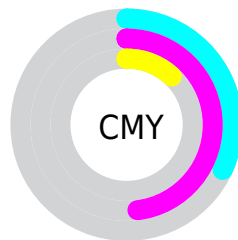


Cyan (23%)

Magenta (41%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (48%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3340, 33.8523, 15.4931 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 155.3340, 33.8523, 15.4931 by changing the saturation by 10% instead.

155.3340, 33.8523,
15.4931

155.3340, 33.8523,
15.4931

255.0000, 0.0000,
0.0000

128.5080, 33.2736,
14.4635

207.6090, 23.3638,
19.6369

103.4540, 31.8212,
13.6338

231.5200, 11.5756,
20.5920

78.3290, 31.3898,
11.9895

247.9560, 3.4727,
6.1776

54.0900, 30.5216,
10.4451

29.9650, 30.0903,
8.8007

12.4220, 26.9070,
3.1379

6.0760, 18.2035,

-5.3287

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 155.3340, 33.8523,
15.4931

■ 155.3340, 33.8523,
15.4931

■ 138.5330, 42.1352,
18.8266

■ 172.1350, 25.5694,
12.1596

■ 121.4440, 50.5601,
23.2896

■ 189.2240, 17.1446,
7.6966

■ 104.6430, 58.8430,
26.6231

■ 206.0250, 8.8617,
4.3631

■ 87.5540, 67.2679,
31.0861

■ 223.1140, 0.4368,
-0.1000

70.7530, 75.5508,
34.4196

239.9150, -7.8461,
-3.4335

54.8380, 83.3969,
37.8531

249.3730,
-12.5089, -1.2041

251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



144.2490, 49.1772, -46.6994



155.3340, 33.8523, 15.4931



154.6630, 14.9561, 56.4235

Triad

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



155.3340, 33.8523, 15.4931



148.4830, -42.6361, 48.6884



120.9480, 21.7176, -106.0714

Complementary

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



155.3340, 33.8523, 15.4931



201.6660, -33.8523, -15.4931

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.



122.8590, -3.3815, -82.3143



155.3340, 33.8523, 15.4931



144.8890, -45.3013, 16.7603

Square

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



155.3340, 33.8523, 15.4931



150.3390, -27.2821, 70.7397



139.1920, -31.6467, -22.9704



124.7900, 41.5155, -109.4408

Rectangle

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



155.3340, 33.8523, 15.4931



152.0920, 0.9406, 71.8333



139.1920, -31.6467, -22.9704



119.0100, 14.2921, -104.3718

Sweetspot

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



155.3340, 33.8523, 15.4931



231.7200, 11.4770, 5.5076



173.8980, 24.7003, -35.8675



114.1450, 6.8305, 2.5038



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.



155.3340, 33.8523, 15.4931



160.6950, 46.4924, 21.3155



168.7890, 27.2190, 43.1580



103.7490, 4.0677, 1.9741



43.0870, 65.5261, 29.7417



11.7510, 17.8708, 8.1114

Inverse Universe

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



166.0230, 8.8627, 50.8458



175.3550, 12.1500, 69.8487



188.2110, -27.2190, -43.1580



104.9730, 0.9993, 6.1627



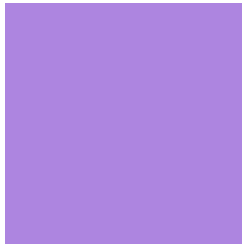
63.9100, 17.2994, 98.3029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 155.3340, 33.8523, 15.4931 looks on a white background.

Color Contrast Check

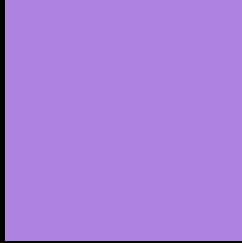
Large Text (above 18pt) WCAG AA × Fail

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 155.3340, 33.8523, 15.4931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

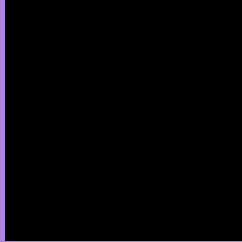
Any Text WCAG AA ✓ Pass

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 155.3340, 33.8523, 15.4931 Background



This preview shows how black text looks on a background with the YUV color 155.3340, 33.8523, 15.4931.



This preview shows how white text looks on a background with the YUV color 155.3340, 33.8523,

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

155.3340, 33.8523, 15.4931

Protanopia

149.1760, 43.2972, -27.3414

Deuteranopia

149.9070, 34.5558, -23.5974



Tritanopia

152.5540, 3.1779, 7.4071

Trichromacy



Original Color

155.3340, 33.8523, 15.4931

Protanomaly

151.6510, 39.6121, -11.9719

Deuteranomaly

151.8810, 34.0757, -9.5426

Tritanomaly

153.5510, 14.5184, 10.0408

Monochromacy



Original Color

155.3340, 33.8523, 15.4931

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2470, 12.2032, 5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3340, 33.8523, 15.4931 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(173, 133, 224)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 224)  
}
```

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(173, 133, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 224) }
```

Border

The CSS property to change the border of an element to YUV 155.3340, 33.8523, 15.4931 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(173, 133, 224) }
```


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

```
.border{ border-color:rgb(173, 133, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 224);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 155.3340, 33.8523, 15.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 224) }
```

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

```
.background{ background-color: rgb(173,  
133, 224) }
```

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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