

Converting Colors

YUV(167.3010, 0.3446, 29.5540)

Have a look what the booklet for
YUV(167.3010, 0.3446, 29.5540)
contains.

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Color

**YUV(167.3010, 0.3446,
29.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	C996A8
RGB	201, 150, 168
RGB Percent	79%, 59%, 66%
CMY	0.2118, 0.4118, 0.3412
CMYK	0.00, 0.25, 0.16, 0.21
HSL	339°, 32%, 69%
HSV	339°, 25%, 79%
XYZ	42.0616, 37.0574, 41.9817
YIQ	167.3010, 24.6180, 16.4100

Conversions

Conversions Part 2

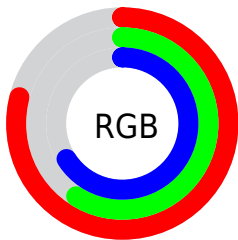
Format	Color
RYB	201, 150, 168
Decimal	13211304
CIELab	67.32, 21.89, -1.91
CIElCh	67, 21.969, 355.008
Yxy	37.0574, 0.3473, 0.3060
Android (android.graphics.Color)	4291401384 (0xFFC996A8)
YUV	167.3010, 0.3446, 29.5540
Hunter-Lab	60.8748, 16.8044, 1.7235

Details

The YUV color $167.3010, 0.3446, 29.5540$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $183.6990, -0.3446, -29.5540$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.4150, 0.7814, 29.4540$, and $114.9910, 0.4974, 27.1949$ is the 20% darker color. If you saturate the color by 10%, you get $154.0790, 0.4541, 41.1497$, and if you desaturate by 10%, it is $180.5230, 0.2352, 17.9583$.

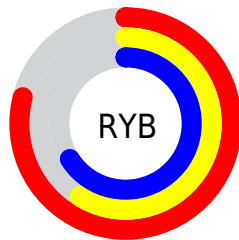
Distribution



Red (79%)

Green (59%)

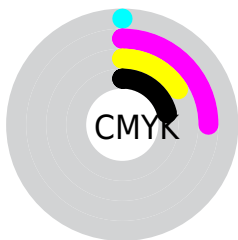
Blue (66%)



Red (79%)

Yellow (59%)

Blue (66%)

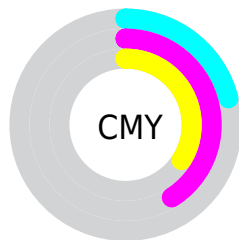


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (41%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.3010, 0.3446, 29.5540 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 167.3010, 0.3446, 29.5540 by changing the saturation by 10% instead.


 167.3010, 0.3446,
29.5540

 167.3010, 0.3446,
29.5540


255.0000, 0.0000,
0.0000

 140.7030, 0.6394,
28.3245


 221.4150, 0.7814,
29.4540


 114.9910, 0.4974,
27.1949

 241.7440, 5.0562,
11.6255

 89.8060, 1.0816,
26.4801

 65.7950, 1.0871,
24.7358

 43.1970, 1.3819,
23.5062

 20.7130, 2.1135,
22.1767

 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 167.3010, 0.3446,
29.5540

■ 167.3010, 0.3446,
29.5540

■ 154.0790, 0.4541,
41.1497

■ 180.5230, 0.2352,
17.9583

■ 140.8570, 0.5635,
52.7454

■ 193.7450, 0.1257,
6.3626

■ 127.6350, 0.6729,
64.3411

■ 206.9670, 0.0163,
-5.2331

■ 114.4130, 0.7824,
75.9368

■ 220.1890, -0.0932,
-16.8288

■ 101.1910, 0.8918,
87.5325

■ 233.9980, -0.4920,
-28.9392

■ 87.3820, 1.2907,
99.6430

■ 237.8280, 4.0288,
-32.2982

■ 74.1600, 1.4001,
111.2387

■ 238.8540, 7.9600,
-33.1980

■ 68.1930, 1.3839,
116.4717

Harmonies

Analogous

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



167.3300, 9.6973, 16.3736



167.3010, 0.3446, 29.5540



166.8040, -9.2704, 33.4979

Triad

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



167.3010, 0.3446, 29.5540



161.3470, -16.4401, -0.3043



157.3940, 19.0328, -38.0565

Complementary

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



167.3010, 0.3446, 29.5540



183.6990, -0.3446, -29.5540

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.



155.5370, 12.0603, -41.6899



167.3010, 0.3446, 29.5540



158.8870, -8.8183, -18.3179

Square

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



167.3010, 0.3446, 29.5540



163.1750, -18.8203, 16.5095



156.2470, 1.8502, -33.5426



161.8350, 20.2943, -22.6573

Rectangle

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



167.3010, 0.3446, 29.5540



165.5280, -14.0643, 31.1089



156.2470, 1.8502, -33.5426



156.2150, 17.1490, -40.5306

Sweetspot

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



167.3010, 0.3446, 29.5540



241.7780, 0.1094, 11.5957



165.3820, 17.5597, 14.5740



119.3430, -0.1691, 7.5922



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.



167.3010, 0.3446, 29.5540



204.8020, 0.5906, 44.0236



169.3580, -9.5435, 27.7500



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Inverse Universe

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



167.3010, 0.3446, 29.5540



204.8020, 0.5906, 44.0236



181.6420, 9.5435, -27.7500



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 167.3010, 0.3446, 29.5540 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 167.3010, 0.3446, 29.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

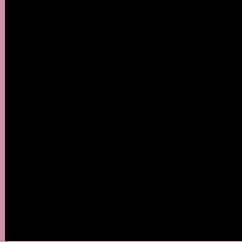
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.3010, 0.3446, 29.5540

Background



This preview shows how black text looks on a background with the YUV color 167.3010, 0.3446, 29.5540.



This preview shows how white text looks on a background with the YUV color 167.3010, 0.3446,

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

167.3010, 0.3446, 29.5540

Protanopia

164.7810, 5.5310, -0.6849

Deuteranopia

165.7780, 0.1094, 11.5957



Tritanopia

167.0190, -1.9814, 28.9243

Trichromacy



Original Color

167.3010, 0.3446, 29.5540

Protanomaly

165.3910, 3.7512, 10.1811

Deuteranomaly

166.5230, 0.2352, 17.9583

Tritanomaly

167.2470, -1.1078, 28.7244

Monochromacy



Original Color

167.3010, 0.3446, 29.5540

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0660, -0.0325, 10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3010, 0.3446, 29.5540 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(201, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 150, 168)  
}
```

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(201, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 150, 168) }
```

Border

The CSS property to change the border of an element to YUV 167.3010, 0.3446, 29.5540 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(201, 150, 168) }
```


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

```
.border{ border-color:rgb(201, 150, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 150, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 150, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 150,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 167.3010, 0.3446, 29.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 150, 168) }
```

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

```
.background{ background-color: rgb(201,  
150, 168) }
```

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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