

Converting Colors

YUV(168.2490, -7.5178,
31.3536)

Have a look what the booklet for
YUV(168.2490, -7.5178, 31.3536)
contains.

YUV(168.2490, -7.5178, 31.3536)	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(168.2490, -7.5178,
31.3536)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9999
RGB	204, 153, 153
RGB Percent	80%, 60%, 60%
CMY	0.2000, 0.4000, 0.4000
CMYK	0.00, 0.25, 0.25, 0.20
HSL	0°, 33%, 70%
HSV	0°, 25%, 80%
XYZ	42.0428, 37.9197, 35.2403
YIQ	168.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

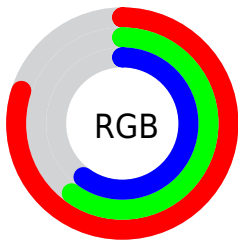
Format	Color
R_{YB}	204, 153, 153
Decimal	13408665
CIE _{Lab}	67.96, 19.06, 7.44
CIE _{LCh}	68, 20.467, 21.330
Yxy	37.9197, 0.3649, 0.3292
Android (android.graphics.Color)	4291598745 (0xFFCC9999)
YUV	168.2490, -7.5178, 31.3536
Hunter-Lab	61.5790, 14.1070, 9.1749

Details

The YUV color **168.2490, -7.5178, 31.3536** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **188.7510, 7.5178, -31.3536**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9390, -7.3649, 28.9945**, and **116.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **154.2290, -10.4659, 43.6492**, and if you desaturate by 10%, it is **182.2690, -4.5696, 19.0581**.

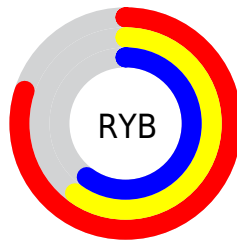
Distribution



Red (80%)

Green (60%)

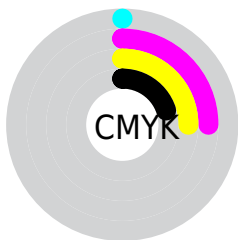
Blue (60%)



Red (80%)

Yellow (60%)

Blue (60%)

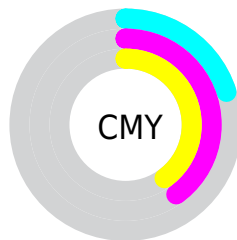


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (20%)



Cyan (20%)

Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.2490, -7.5178, 31.3536 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 168.2490, -7.5178, 31.3536 by changing the saturation by 10% instead.


 168.2490, -7.5178,
31.3536

 168.2490, -7.5178,
31.3536


255.0000, 0.0000,
0.0000


 141.6510, -7.2229,
30.1241


 221.9390, -7.3649,
28.9945


 116.0530, -6.9281,
28.8945

 241.5670, -3.2375,
11.7807

 90.5690, -6.1965,
27.5650

 66.6720, -5.7543,
25.7207

 44.1880, -5.0227,
24.3911

 22.1770, -5.0173,
22.6468

 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 168.2490, -7.5178,
31.3536

■ 168.2490, -7.5178,
31.3536

■ 154.2290,
-10.4659, 43.6492

■ 182.2690, -4.5696,
19.0581

■ 139.5080,
-13.5614, 56.5595

■ 196.9900, -1.4741,
6.1478

■ 125.4880,
-16.5096, 68.8550

■ 211.0100, 1.4741,
-6.1478

■ 110.7670,
-19.6051, 81.7653

■ 225.7310, 4.5696,
-19.0581

■ 96.7470, -22.5533,
94.0609

■ 239.7510, 7.5178,
-31.3536

■ 82.7270, -25.5014,
106.3564

■ 68.0060, -28.5970,
119.2667

■ 60.9960, -30.0710,
125.4145

Harmonies

Analogous

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



168.9200, 1.5184, 26.3802



168.2490, -7.5178, 31.3536



167.3920, -14.4903, 27.7202

Triad

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



168.2490, -7.5178, 31.3536



161.0940, -9.4133, -14.1144



163.1940, 19.1314, -22.9721

Complementary

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



168.2490, -7.5178, 31.3536



188.7510, 7.5178, -31.3536

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.



159.8350, 16.8433, -35.8123



168.2490, -7.5178, 31.3536



159.1120, -0.0552, -29.0392

Square

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



168.2490, -7.5178, 31.3536



163.7710, -16.1561, 1.9548



157.9890, 9.8654, -37.7014



166.9190, 16.3089, -4.3140

Rectangle

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



168.2490, -7.5178, 31.3536



165.6640, -17.0894, 21.3427



157.9890, 9.8654, -37.7014



162.0470, 18.7108, -28.1052

Sweetspot

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



168.2490, -7.5178, 31.3536



240.9800, -2.9481, 12.2955



174.0630, 14.7589, 26.2547



118.8870, -1.9163, 7.9921



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.



168.2490, -7.5178, 31.3536



201.7240, -11.2029, 46.7231



183.5110, -15.0419, 17.9689



94.9900, -1.4741, 6.1478



49.6340, -24.4696, 102.0530



11.3620, -5.6015, 23.3615

Inverse Universe

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



188.7510, 7.5178, -31.3536



232.2760, 11.2029, -46.7231



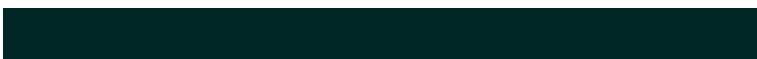
174.0760, 14.7525, -18.4837



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 168.2490, -7.5178, 31.3536 looks on a white background.

Color Contrast Check

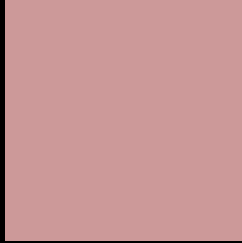
Large Text (above 18pt) WCAG AA × Fail

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 168.2490, -7.5178, 31.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

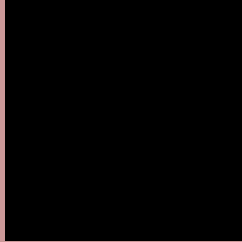
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.2490, -7.5178, 31.3536

Background



This preview shows how black text looks on a background with the YUV color 168.2490, -7.5178, 31.3536.



This preview shows how white text looks on a background with the YUV color 168.2490, -7.5178,

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

168.2490, -7.5178, 31.3536

Protanopia

165.9250, -2.9210, 3.5738

Deuteranopia

167.1610, -7.4744, 17.3988



Tritanopia

168.5140, -2.7184, 31.9982

Trichromacy



Original Color

168.2490, -7.5178, 31.3536

Protanomaly

166.8230, -4.8427, 13.3102

Deuteranomaly

167.1940, -7.4906, 22.6319

Tritanomaly

168.6450, -4.7550, 31.8833

Monochromacy



Original Color

168.2490, -7.5178, 31.3536

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3820, -2.6533, 11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2490, -7.5178, 31.3536 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(204, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 153)  
}
```

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(204, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 153) }
```

Border

The CSS property to change the border of an element to YUV 168.2490, -7.5178, 31.3536 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(204, 153, 153) }
```


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

```
.border{ border-color:rgb(204, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 168.2490, -7.5178, 31.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 153) }
```

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

```
.background{ background-color: rgb(204,  
153, 153) }
```

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