

Converting Colors

YUV(184.7660, 5.0454, 15.1142)

Have a look what the booklet for
YUV(184.7660, 5.0454, 15.1142)
contains.

YUV(184.7660, 5.0454, 15.1142)	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(184.7660, 5.0454,
15.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	CAAEC3
RGB	202, 174, 195
RGB Percent	79%, 68%, 76%
CMY	0.2078, 0.3176, 0.2353
CMYK	0.00, 0.14, 0.03, 0.21
HSL	315°, 21%, 74%
HSV	315°, 14%, 79%
XYZ	49.3435, 46.7688, 58.0564
YIQ	184.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

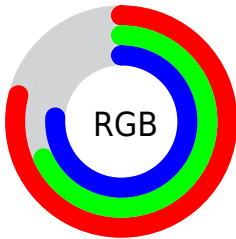
Format	Color
R _Y B	202, 174, 195
Decimal	13283011
CIE Lab	74.04, 13.74, -6.93
CIE LCh	74, 15.393, 333.225
Yxy	46.7688, 0.3201, 0.3034
Android (android.graphics.Color)	4291473091 (0xFFCAAEC3)
YUV	184.7660, 5.0454, 15.1142
Hunter-Lab	68.3877, 9.1139, -2.4616

Details

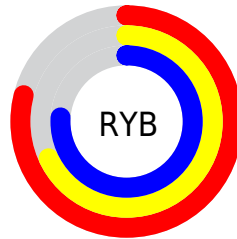
The YUV color **184.7660, 5.0454, 15.1142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **191.2340, -5.0454, -15.1142**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9830, 5.9244, 13.1699**, and **131.9400, 4.4666, 14.0846** is the 20% darker color. If you saturate the color by 10%, you get **172.4560, 8.6492, 25.9101**, and if you desaturate by 10%, it is **197.0760, 1.4415, 4.3183**.

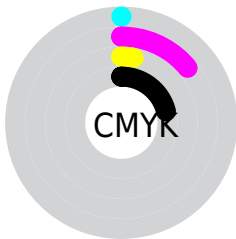
Distribution



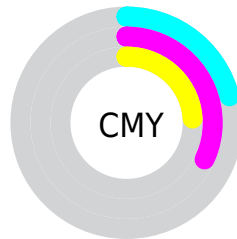
- Red (79%)
- Green (68%)
- Blue (76%)



- Red (79%)
- Yellow (68%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (21%)





- Cyan (21%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 184.7660, 5.0454, 15.1142 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 184.7660, 5.0454, 15.1142 by changing the saturation by 10% instead.

 184.7660, 5.0454,
15.1142

 184.7660, 5.0454,
15.1142

255.0000, 0.0000,
0.0000


 157.7660, 5.0454,
15.1142


 239.9830, 5.9244,
13.1699

 131.9400, 4.4666,
14.0846

 106.6410, 4.6140,
13.4698

 82.2280, 4.3246,
12.9550

 58.9290, 4.4720,
12.3403

 37.2170, 4.3300,
11.2107

 14.7550, 5.0508,

13.3699

■ 0.0000, 0.0000,
0.0000

■ 184.7660, 5.0454,
15.1142

■ 184.7660, 5.0454,
15.1142

■ 172.4560, 8.6492,
25.9101

■ 197.0760, 1.4415,
4.3183

■ 160.1460, 12.2530,
36.7060

■ 209.3860, -2.1623,
-6.4775

■ 147.2490, 16.1462,
48.0166

■ 222.2830, -6.0555,
-17.7882

■ 134.9390, 19.7501,
58.8125

■ 234.5930, -9.6593,
-28.5841

■ 122.6290, 23.3539,
69.6084

■ 235.1630, -7.4754,
-29.0840

■ 110.3190, 26.9577,
80.4042

■ 235.7330, -5.2914,
-29.5838

■ 98.0090, 30.5616,
91.2001

■ 236.3030, -3.1074,
-30.0837

■ 85.1120, 34.4548,
102.5108

■ 236.8730, -0.9234,
-30.5836

■ 77.7260, 36.6171,
108.9883

■ 237.4430, 1.2606,
-31.0835

Harmonies

Analogous

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



183.8830, 10.9037, 2.7336



184.7660, 5.0454, 15.1142



184.6870, -1.8177, 23.0765

Triad

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



184.7660, 5.0454, 15.1142



181.2110, -13.4150, 9.4620



177.6420, 9.5435, -27.7500

Complementary

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



184.7660, 5.0454, 15.1142



191.2340, -5.0454, -15.1142

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.



176.9430, 2.9861, -24.5060



184.7660, 5.0454, 15.1142



179.8180, -10.7563, -3.3484

Square

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



184.7660, 5.0454, 15.1142



183.0920, -12.8634, 19.2133



178.0490, -4.4612, -15.8290



179.1140, 13.7478, -22.9020

Rectangle

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



184.7660, 5.0454, 15.1142



184.4330, -6.6225, 24.1763



178.0490, -4.4612, -15.8290



176.8870, 7.9437, -27.9649

Sweetspot

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



184.7660, 5.0454, 15.1142



248.7880, 1.5835, 5.4479



179.2850, 11.1985, 1.5041



123.6630, 1.1521, 3.8035



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.



184.7660, 5.0454, 15.1142



228.5050, 7.6390, 23.2361



183.1700, -1.0698, 16.5139



95.7880, 1.5835, 5.4479



63.7700, 29.6934, 89.6557



14.6680, 7.0657, 20.4622

Inverse Universe

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



184.7660, 5.0454, 15.1142



228.5050, 7.6390, 23.2361



192.8300, 1.0698, -16.5139



95.7880, 1.5835, 5.4479



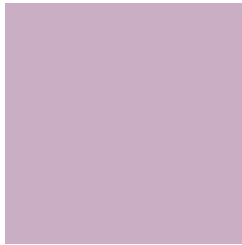
63.7700, 29.6934, 89.6557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 184.7660, 5.0454, 15.1142 looks on a white background.

Color Contrast Check

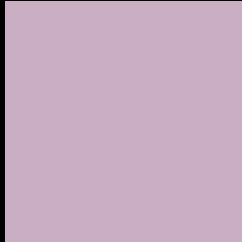
Large Text (above 18pt) WCAG AA × Fail

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 184.7660, 5.0454, 15.1142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

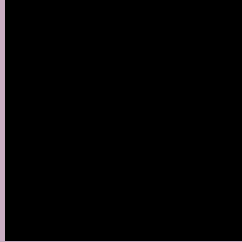
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.7660, 5.0454, 15.1142

Background



This preview shows how black text looks on a background with the YUV color 184.7660, 5.0454, 15.1142.



This preview shows how white text looks on a background with the YUV color 184.7660, 5.0454,

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

184.7660, 5.0454, 15.1142

Protanopia

182.7530, 8.0098, -2.4144

Deuteranopia

184.0210, 4.9196, 8.7516



Tritanopia

184.3700, 2.2826, 14.5845

Trichromacy



Original Color

184.7660, 5.0454, 15.1142

Protanomaly

183.2700, 7.2619, 4.1482

Deuteranomaly

184.3310, 4.7668, 11.1107

Tritanomaly

184.5980, 3.1562, 14.3846

Monochromacy



Original Color

184.7660, 5.0454, 15.1142

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9020, 2.0203, 5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.7660, 5.0454, 15.1142 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(202, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 174, 195)  
}
```

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(202, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 174, 195) }
```

Border

The CSS property to change the border of an element to YUV 184.7660, 5.0454, 15.1142 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(202, 174, 195) }
```


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

```
.border{ border-color:rgb(202, 174, 195) }
```

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

Here you see how a box with a 4 pixel rgb(202, 174, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 174,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 184.7660, 5.0454, 15.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 174, 195) }
```

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

```
.background{ background-color: rgb(202,  
174, 195) }
```

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