

Converting Colors

YUV(68.0210, 5.4126, 84.1736)

Have a look what the booklet for
YUV(68.0210, 5.4126, 84.1736)
contains.

YUV(68.0210, 5.4126, 84.1736)	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(68.0210, 5.4126,
84.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	A4114F
RGB	164, 17, 79
RGB Percent	64%, 7%, 31%
CMY	0.3569, 0.9333, 0.6902
CMYK	0.00, 0.90, 0.52, 0.36
HSL	335°, 81%, 35%
HSV	335°, 90%, 64%
XYZ	16.9216, 8.8579, 8.2150
YIQ	68.0210, 67.7100, 50.4460

Conversions

Conversions Part 2

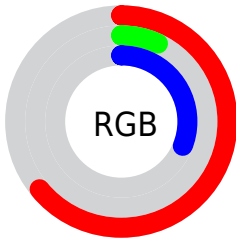
Format	Color
R_{YB}	164, 17, 79
Decimal	10752335
CIE _{Lab}	35.71, 58.39, 4.64
CIE _{LCh}	36, 58.578, 4.546
Yxy	8.8579, 0.4978, 0.2606
Android (android.graphics.Color)	4288942415 (0xFFA4114F)
YUV	68.0210, 5.4126, 84.1736
Hunter-Lab	29.7623, 49.4036, 4.4683

Details

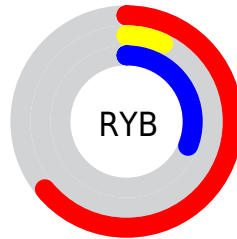
The YUV color **68.0210, 5.4126, 84.1736** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **112.9790, -5.4126, -84.1736**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2890, -1.1285, 82.1845**, and **35.6840, -0.3372, 61.6671** is the 20% darker color. If you saturate the color by 10%, you get **57.6030, 6.1117, 93.3102**, and if you desaturate by 10%, it is **78.4390, 4.7136, 75.0370**.

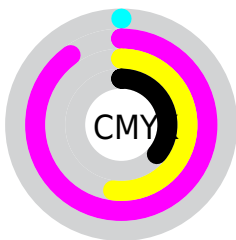
Distribution



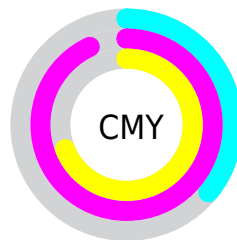
- Red (64%)
- Green (7%)
- Blue (31%)



- Red (64%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (52%)
- Black (36%)



- Cyan (36%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0210, 5.4126, 84.1736 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 68.0210, 5.4126, 84.1736 by changing the saturation by 10% instead.

68.0210, 5.4126,
84.1736

68.0210, 5.4126,
84.1736

255.0000, 0.0000,
0.0000

46.7490, 4.5607,
77.3961

130.2890, -1.1285,
82.1845

35.6840, -0.3372,
61.6671

158.9580, -2.4443,
84.2288

24.5050, -5.6720,
46.0381

178.3580, 0.8095,
67.2150

15.1780, -6.4968,
30.5389

198.5730, 4.6475,
49.4865

0.0000, 0.0000,
0.0000

218.2010, 8.7749,
32.2727

237.3900, 8.6817,

15.4440

■ 68.0210, 5.4126,
84.1736

■ 68.0210, 5.4126,
84.1736

■ 57.6030, 6.1117,
93.3102

■ 78.4390, 4.7136,
75.0370

■ 56.9020, 5.9643,
93.9249

■ 89.5580, 4.1619,
65.2856

■ 99.9760, 3.4628,
56.1490

■ 111.0950, 2.9112,
46.3977

■ 121.5130, 2.2121,
37.2611

■ 132.0450, 1.9498,
28.0245

■ 143.0500, 0.9613,
18.3731

■ 153.5820, 0.6991,
9.1366

■ 164.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



80.1990, 22.0869, 55.9535



68.0210, 5.4126, 84.1736



73.8970, -20.1622, 73.7583

Triad

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



68.0210, 5.4126, 84.1736



70.1060, -34.5623, -21.1410



77.3790, 45.1692, -67.8614

Complementary

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



68.0210, 5.4126, 84.1736



112.9790, -5.4126, -84.1736

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.



76.5520, 29.3079, -67.1361



68.0210, 5.4126, 84.1736



63.8470, -11.7566, -55.9938

Square

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



68.0210, 5.4126, 84.1736



78.3110, -38.6073, 16.3903



71.3080, 9.2152, -62.5371



72.0620, 52.7204, -63.1984

Rectangle

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



68.0210, 5.4126, 84.1736



76.8030, -37.8639, 58.0548



71.3080, 9.2152, -62.5371



77.5270, 40.6592, -67.9912

Sweetspot

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



68.0210, 5.4126, 84.1736



176.1920, 2.3703, 33.1576



58.5750, 51.9745, 36.3297



84.7620, 1.1033, 19.5027



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0210, 5.4126, 84.1736



74.2460, 7.7667, 122.5643



66.8230, -24.5627, 85.2242



76.1470, 0.4205, 5.1331



50.3090, 5.2707, 83.0440



6.2940, 0.8411, 10.2662

Inverse Universe

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



68.0210, 5.4126, 84.1736



74.2460, 7.7667, 122.5643



114.1770, 24.5627, -85.2242



76.1470, 0.4205, 5.1331



50.3090, 5.2707, 83.0440



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 68.0210, 5.4126, 84.1736 looks on a white background.

Color Contrast Check

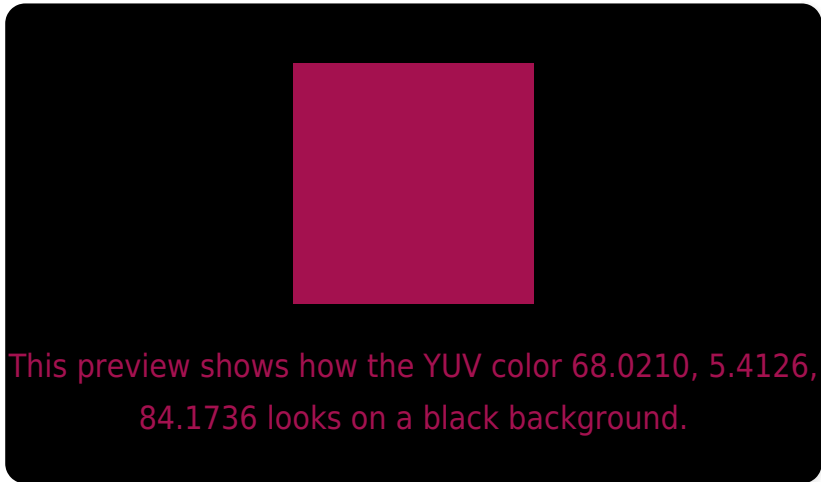
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

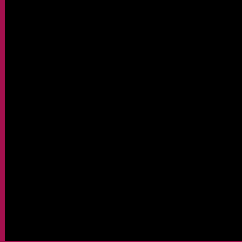
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0210, 5.4126, 84.1736

Background



This preview shows how black text looks on a background with the YUV color 68.0210, 5.4126, 84.1736.



This preview shows how white text looks on a background with the YUV color 68.0210, 5.4126, 84.1736.

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

68.0210, 5.4126, 84.1736

Protanopia

86.0990, 13.2622, -7.1028

Deuteranopia

86.5300, -7.1633, 10.9362



Tritanopia

72.3860, -18.4313, 78.5915

Trichromacy



Original Color

68.0210, 5.4126, 84.1736

Protanomaly

79.3250, 10.6858, 26.0250

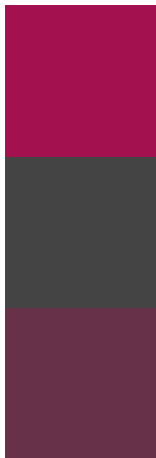
Deuteranomaly

79.9600, -2.4453, 37.7461

Tritanomaly

70.9870, -9.8536, 80.6954

Monochromacy



Original Color

68.0210, 5.4126, 84.1736

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7680, 2.0864, 30.8985

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0210, 5.4126, 84.1736 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(164, 17, 79)` looks like.

```
.text, #text, p{  
    color:rgb(164, 17, 79)  
}
```

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(164, 17, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 17, 79) }
```

Border

The CSS property to change the border of an element to YUV 68.0210, 5.4126, 84.1736 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(164, 17, 79) }
```


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

```
.border{ border-color:rgb(164, 17, 79) }
```

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

Here you see how a box with a 4 pixel rgb(164, 17, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 17, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 17, 79);  
box-shadow:4px 4px 4px 4px rgb(164, 17,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 68.0210, 5.4126, 84.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 17, 79) }
```

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

```
.background{ background-color: rgb(164, 17,  
79) }
```

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