

Converting Colors

YUV(168.1680, -14.8728,
10.3767)

Have a look what the booklet for
YUV(168.1680, -14.8728, 10.3767)
contains.

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Color

**YUV(168.1680, -14.8728,
10.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A88A
RGB	180, 168, 138
RGB Percent	71%, 66%, 54%
CMY	0.2941, 0.3412, 0.4588
CMYK	0.00, 0.07, 0.23, 0.29
HSL	43°, 22%, 62%
HSV	43°, 23%, 71%
XYZ	37.4125, 39.5435, 29.7056
YIQ	168.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

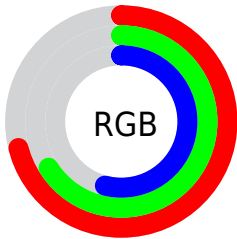
Format	Color
R_{YB}	155, 180, 138
Decimal	11839626
CIE Lab	69.14, -0.56, 17.08
CIE LCh	69, 17.093, 91.885
Yxy	39.5435, 0.3508, 0.3707
Android (android.graphics.Color)	4290029706 (0xFFB4A88A)
YUV	168.1680, -14.8728, 10.3767
Hunter-Lab	62.8837, -3.8483, 16.0106

Details

The YUV color **168.1680, -14.8728, 10.3767** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149.8320, 14.8728, -10.3767**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3530, -15.4570, 11.0914**, and **116.0970, -13.8518, 9.5619** is the 20% darker color. If you saturate the color by 10%, you get **163.1810, -21.2882, 14.7503**, and if you desaturate by 10%, it is **173.1550, -8.4574, 6.0031**.

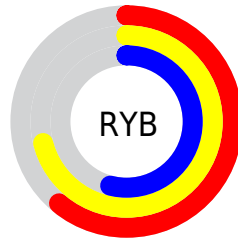
Distribution



Red (71%)

Green (66%)

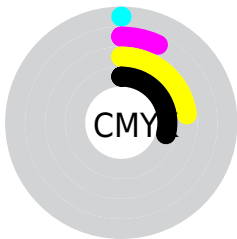
Blue (54%)



Red (61%)

Yellow (71%)

Blue (54%)

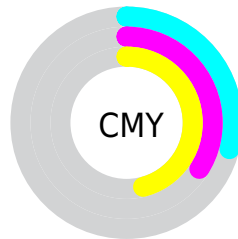


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1680, -14.8728, 10.3767 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 168.1680, -14.8728, 10.3767 by changing the saturation by 10% instead.

■ 168.1680,
-14.8728, 10.3767

■ 168.1680,
-14.8728, 10.3767

■ 255.0000, 0.0000,
0.0000

■ 141.8690,
-14.7254, 9.7619

■ 223.3530,
-15.4570, 11.0914

■ 116.0970,
-13.8518, 9.5619

■ 249.1350,
-14.8566, 5.1436

■ 91.4990, -13.5570,
8.3324

■ 254.2020, -3.0576,
0.6998

■ 67.7270, -12.6834,
8.1324

■ 45.5420, -12.0992,
7.4177

■ 24.5420, -12.0992,
7.4177

■ 0.0000, 0.0000,

0.0000

■ 168.1680,
-14.8728, 10.3767

■ 168.1680,
-14.8728, 10.3767

■ 163.1810,
-21.2882, 14.7503

■ 173.1550, -8.4574,
6.0031

■ 158.1940,
-27.7036, 19.1239

■ 178.1420, -2.0420,
1.6295

■ 153.2070,
-34.1191, 23.4975

■ 183.1290, 4.3734,
-2.7441

■ 147.6330,
-40.2451, 28.3859

■ 188.7030, 10.4994,
-7.6325

■ 142.6460,
-46.6605, 32.7595

■ 193.6900, 16.9148,
-12.0061

■ 137.6590,
-53.0759, 37.1331

■ 198.6770, 23.3302,
-16.3797

■ 132.6720,
-59.4913, 41.5067

■ 202.6380, 25.8145,
-19.8535

■ 129.5430,
-63.8647, 44.2508

■ 205.5730, 24.3675,
-22.4275

■ 208.5080, 22.9206,
-25.0015

Harmonies

Analogous

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



169.8750, -13.7424, 21.1576



168.1680, -14.8728, 10.3767



166.4760, -12.0667, -3.0485

Triad

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



168.1680, -14.8728, 10.3767



163.1470, 10.2805, -30.8239



171.7060, 6.0609, 16.0438

Complementary

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



168.1680, -14.8728, 10.3767



149.8320, 14.8728, -10.3767

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.



170.8120, 11.9247, 1.9189



168.1680, -14.8728, 10.3767



164.8470, 15.3584, -26.1758

Square

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



168.1680, -14.8728, 10.3767



163.2200, 2.8495, -27.3799



168.2230, 15.1731, -13.3506



171.6980, -1.8231, 24.8209

Rectangle

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



168.1680, -14.8728, 10.3767



164.8600, -7.8190, -12.1552



168.2230, 15.1731, -13.3506



171.2540, 8.2558, 12.0552

Sweetspot

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



168.1680, -14.8728, 10.3767



230.1270, -5.9786, 4.2736



152.0400, -0.5127, 24.5209



114.8000, -3.3524, 1.9294



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



168.1680, -14.8728, 10.3767



216.3230, -23.3302, 16.3797



172.8200, -17.1663, -0.7191



86.8000, -3.3524, 1.9294



109.7300, -54.0969, 37.9478



18.3400, -9.0416, 6.7178

Inverse Universe

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



149.8320, 14.8728, -10.3767



187.6770, 23.3302, -16.3797



145.1800, 17.1663, 0.7191



82.7870, 3.0630, -2.4442



43.2700, 54.0969, -37.9478



7.0730, 9.3310, -6.2030

Previews

White Background



This preview shows how the YUV color 168.1680, -14.8728, 10.3767 looks on a white background.

Color Contrast Check

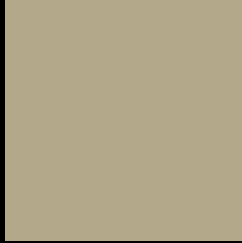
Large Text (above 18pt) WCAG AA × Fail

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 168.1680, -14.8728, 10.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

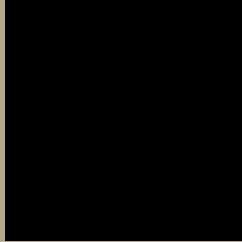
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.1680, -14.8728, 10.3767

Background



This preview shows how black text looks on a background with the YUV color 168.1680, -14.8728, 10.3767.



This preview shows how white text looks on a background with the YUV color 168.1680, -14.8728, 10.3767.

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

168.1680, -14.8728, 10.3767

Protanopia

167.8690, -14.7254, 9.7619

Deuteranopia

169.2450, -14.9108, 22.5871



Tritanopia

171.0600, 2.4354, 12.2254

Trichromacy



Original Color

168.1680, -14.8728, 10.3767

Protanomaly

167.8690, -14.7254, 9.7619

Deuteranomaly

168.9240, -14.7525, 18.4837

Tritanomaly

170.0400, -3.9637, 11.3659

Monochromacy



Original Color

168.1680, -14.8728, 10.3767

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1680, -14.8728, 10.3767 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(180, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 138)  
}
```

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(180, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 138) }
```

Border

The CSS property to change the border of an element to YUV 168.1680, -14.8728, 10.3767 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(180, 168, 138) }
```


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

```
.border{ border-color:rgb(180, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 168.1680, -14.8728, 10.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 138) }
```

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

```
.background{ background-color: rgb(180,  
168, 138) }
```

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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