

Converting Colors

YUV(168.6750, -20.5458,
9.9320)

Have a look what the booklet for
YUV(168.6750, -20.5458, 9.9320)
contains.

YUV(168.6750, -20.5458, 9.9320)	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(168.6750, -20.5458,
9.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AB7F
RGB	180, 171, 127
RGB Percent	71%, 67%, 50%
CMY	0.2941, 0.3294, 0.5020
CMYK	0.00, 0.05, 0.29, 0.29
HSL	50°, 26%, 60%
HSV	50°, 29%, 71%
XYZ	37.2161, 40.3614, 25.9077
YIQ	168.6750, 19.4880, -11.7760

Conversions

Conversions Part 2

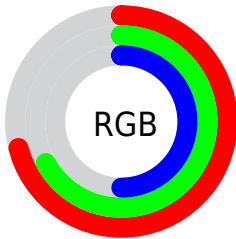
Format	Color
RYB	138, 180, 127
Decimal	11840383
CIELab	69.73, -3.72, 23.87
CIELCh	70, 24.159, 98.852
Yxy	40.3614, 0.3596, 0.3900
Android (android.graphics.Color)	4290030463 (0xFFB4AB7F)
YUV	168.6750, -20.5458, 9.9320
Hunter-Lab	63.5306, -6.6138, 20.2931

Details

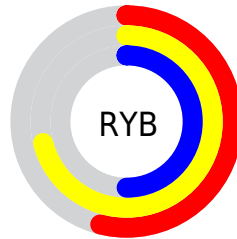
The YUV color **168.6750, -20.5458, 9.9320** is a light color, and the websafe version is hex **999966**. A complement of this color would be **138.3250, 20.5458, -9.9320**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7460, -21.5668, 10.7468**, and **116.3050, -19.3774, 8.5025** is the 20% darker color. If you saturate the color by 10%, you get **164.8620, -27.5400, 13.2760**, and if you desaturate by 10%, it is **172.4880, -13.5516, 6.5880**.

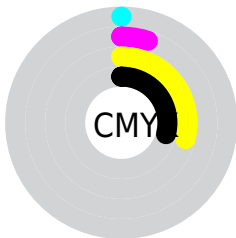
Distribution



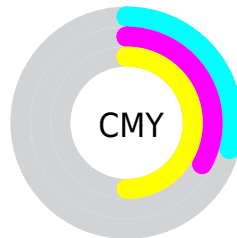
- Red (71%)
- Green (67%)
- Blue (50%)



- Red (54%)
- Yellow (71%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6750, -20.5458, 9.9320 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 168.6750, -20.5458, 9.9320 by changing the saturation by 10% instead.

■ 168.6750,
-20.5458, 9.9320

■ 168.6750,
-20.5458, 9.9320

255.0000, 0.0000,
0.0000

■ 142.4900,
-19.9616, 9.2173

■ 223.7460,
-21.5668, 10.7468

■ 116.3050,
-19.3774, 8.5025

■ 249.6420,
-20.5295, 4.6990

■ 91.5330, -18.5038,
8.3026

■ 252.8340, -8.2992,
1.8996

■ 68.0490, -17.7722,
6.9730

■ 45.1630, -17.3354,
6.8730

■ 25.7050, -12.6726,
4.6437

■ 0.0000, 0.0000,

0.0000

■ 168.6750,
-20.5458, 9.9320

■ 168.6750,
-20.5458, 9.9320

■ 164.8620,
-27.5400, 13.2760

■ 172.4880,
-13.5516, 6.5880

■ 161.0490,
-34.5342, 16.6200

■ 176.3010, -6.5574,
3.2440

■ 157.2360,
-41.5283, 19.9640

■ 180.1140, 0.4368,
-0.1000

■ 153.4230,
-48.5225, 23.3080

■ 183.9270, 7.4310,
-3.4440

■ 149.6100,
-55.5167, 26.6520

■ 187.7400, 14.4252,
-6.7880

■ 145.7970,
-62.5109, 29.9960

■ 191.5530, 21.4194,
-10.1320

■ 141.9840,
-69.5051, 33.3400

■ 195.3660, 28.4136,
-13.4760

■ 141.2830,
-69.6525, 33.9548

■ 197.3550, 28.4190,
-15.2203

■ 199.7030, 27.2614,
-17.2795

Harmonies

Analogous

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



170.8880, -20.1578, 25.5312



168.6750, -20.5458, 9.9320



166.0470, -14.8132, -8.8112

Triad

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



168.6750, -20.5458, 9.9320



160.9970, 17.7495, -46.4784



174.4730, 6.1758, 25.8952

Complementary

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



168.6750, -20.5458, 9.9320



138.3250, 20.5458, -9.9320

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.



173.4690, 15.5448, 7.4817



168.6750, -20.5458, 9.9320



165.0290, 22.6637, -35.9824

Square

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



168.6750, -20.5458, 9.9320



160.9730, 7.4083, -42.9493



169.8190, 21.2882, -14.7503



174.0800, -4.4764, 35.8868

Rectangle

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



168.6750, -20.5458, 9.9320



163.9790, -8.3706, -21.9066



169.8190, 21.2882, -14.7503



173.9500, 9.3917, 21.0919

Sweetspot

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



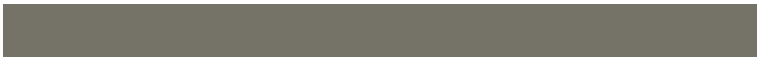
168.6750, -20.5458, 9.9320



230.1440, -8.4520, 4.2587



143.9870, -3.4446, 31.5834



114.3440, -5.0996, 2.3293



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.



168.6750, -20.5458, 9.9320



217.3200, -32.2028, 15.5054



168.8750, -20.6444, -5.1524



87.3870, -3.6418, 1.4146



120.2960, -59.3059, 28.6814



20.1010, -9.9098, 5.1734

Inverse Universe

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



138.3250, 20.5458, -9.9320



169.6800, 32.2028, -15.5054



138.1250, 20.6444, 5.1524



82.2000, 3.3524, -1.9294



32.7040, 59.3059, -28.6814



5.3120, 10.1992, -4.6586

Previews

White Background



This preview shows how the YUV color 168.6750, -20.5458, 9.9320 looks on a white background.

Color Contrast Check

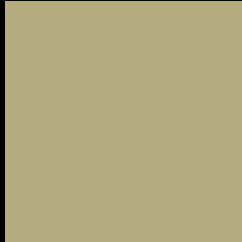
Large Text (above 18pt) WCAG AA × Fail

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 168.6750, -20.5458, 9.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

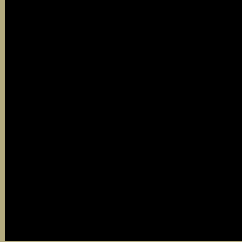
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.6750, -20.5458, 9.9320

Background



This preview shows how black text looks on a background with the YUV color 168.6750, -20.5458, 9.9320.



This preview shows how white text looks on a background with the YUV color 168.6750, -20.5458, 9.9320.

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

168.6750, -20.5458, 9.9320

Protanopia

168.9850, -20.6986, 12.2912

Deuteranopia

170.4860, -20.4526, 26.7608



Tritanopia

172.0600, 2.4354, 12.2254

Trichromacy



Original Color

168.6750, -20.5458, 9.9320

Protanomaly

168.6860, -20.5512, 11.6764

Deuteranomaly

169.7410, -20.5783, 20.3981

Tritanomaly

171.1710, -6.0003, 11.2510

Monochromacy



Original Color

168.6750, -20.5458, 9.9320

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0730, -7.4310, 3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6750, -20.5458, 9.9320 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, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 127)  
}
```

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, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 127) }
```

Border

The CSS property to change the border of an element to YUV 168.6750, -20.5458, 9.9320 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, 171, 127) }
```


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

```
.border{ border-color:rgb(180, 171, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 168.6750, -20.5458, 9.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 127) }
```

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

```
.background{ background-color: rgb(180,  
171, 127) }
```

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