

Converting Colors

YUV(168.7420, -2.3378,
-43.6237)

Have a look what the booklet for
YUV(168.7420, -2.3378, -43.6237)
contains.

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Color

**YUV(168.7420, -2.3378,
-43.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	77C3A4
RGB	119, 195, 164
RGB Percent	47%, 76%, 64%
CMY	0.5333, 0.2353, 0.3569
CMYK	0.39, 0.00, 0.16, 0.24
HSL	156°, 39%, 62%
HSV	156°, 39%, 76%
XYZ	33.8237, 45.6325, 42.1472
YIQ	168.7420, -35.3450, -25.7530

Conversions

Conversions Part 2

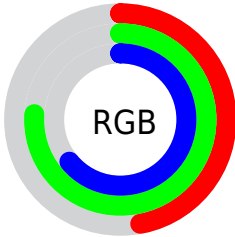
Format	Color
RYB	119, 167, 195
Decimal	7848868
CIELab	73.31, -30.62, 8.22
CIELCh	73, 31.704, 164.976
Yxy	45.6325, 0.2781, 0.3753
Android (android.graphics.Color)	4286038948 (0xFF77C3A4)
YUV	168.7420, -2.3378, -43.6237
Hunter-Lab	67.5518, -28.8394, 10.2938

Details

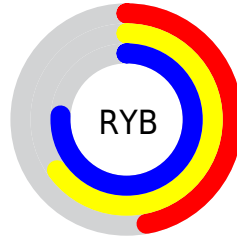
The YUV color **168.7420, -2.3378, -43.6237** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **145.2580, 2.3378, 43.6237**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9160, -2.9166, -44.6533**, and **114.9700, -1.4642, -43.8237** is the 20% darker color. If you saturate the color by 10%, you get **161.8500, -2.8840, -55.1194**, and if you desaturate by 10%, it is **175.6340, -1.7916, -32.1280**.

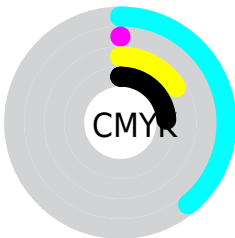
Distribution



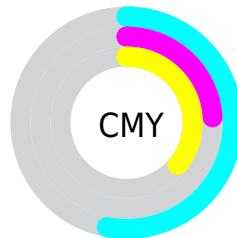
- Red (47%)
- Green (76%)
- Blue (64%)



- Red (47%)
- Yellow (65%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7420, -2.3378, -43.6237 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 168.7420, -2.3378, -43.6237 by changing the saturation by 10% instead.

■ 168.7420, -2.3378,
-43.6237

■ 168.7420, -2.3378,
-43.6237

255.0000, 0.0000,
0.0000

■ 141.8560, -1.9010,
-43.7237

■ 224.9160, -2.9166,
-44.6533

■ 114.9700, -1.4642,
-43.8237

■ 238.2410, 4.3182,
-31.7834

■ 88.6000, -0.2958,
-45.2532

■ 247.8240, 3.5378,
-14.7546

■ 60.1260, 1.9099,
-52.7305

■ 43.5300, -0.7543,
-38.1758

■ 27.7490, -2.8343,
-24.3359

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 168.7420, -2.3378,
-43.6237

■ 168.7420, -2.3378,
-43.6237

■ 161.8500, -2.8840,
-55.1194

■ 175.6340, -1.7916,
-32.1280

■ 155.2570, -3.5777,
-66.0004

■ 182.2270, -1.0979,
-21.2471

■ 148.6640, -4.2714,
-76.8813

■ 189.1190, -0.5517,
-9.7514

■ 141.7720, -4.8176,
-88.3770

■ 195.7120, 0.1420,
1.1296

■ 134.8800, -5.3638,
-99.8728

■ 202.6040, 0.6882,
12.6253

■ 128.2870, -6.0575,
-110.7537

■ 209.1970, 1.3819,
23.5062

■ 127.5750, -6.1995,
-111.8833

■ 215.7900, 2.0755,
34.3872

■ 216.7020, 5.5699,
33.5873

■ 217.6140, 9.0643,
32.7875

Harmonies

Analogous

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



173.0090, -17.2594, -17.5479



168.7420, -2.3378, -43.6237



164.3770, 14.6041, -64.3516

Triad

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



168.7420, -2.3378, -43.6237



180.4260, 27.3980, -14.4056



181.5960, -20.5068, 44.2043

Complementary

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



168.7420, -2.3378, -43.6237



145.2580, 2.3378, 43.6237

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.



183.4190, -8.5876, 47.8675



168.7420, -2.3378, -43.6237



184.2080, 18.1385, 15.6036

Square

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



168.7420, -2.3378, -43.6237



172.4390, 30.8426, -45.9890



184.4360, 5.7011, 38.2056



179.3740, -27.2994, 29.4900

Rectangle

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



168.7420, -2.3378, -43.6237



164.3470, 23.4929, -68.7103



184.4360, 5.7011, 38.2056



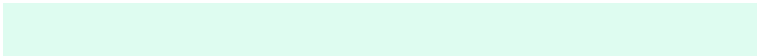
182.5300, -17.0233, 46.8932

Sweetspot

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



168.7420, -2.3378, -43.6237



241.6620, -0.8194, -17.2436



173.1800, -26.7107, -19.4519



121.7060, -0.8411, -10.2662



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.



168.7420, -2.3378, -43.6237



211.2460, -3.5723, -67.7447



168.7540, 12.9393, -43.6343



93.5540, -0.2731, -5.7479



105.3370, -5.0961, -92.3805



21.6510, -0.8139, -18.9879

Inverse Universe

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



145.2580, 2.3378, 43.6237



174.7540, 3.5723, 67.7447



145.2460, -12.9393, 43.6343



90.4460, 0.2731, 5.7479



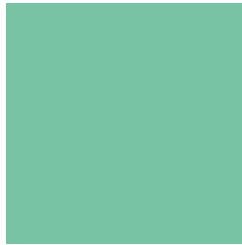
55.6630, 5.0961, 92.3805



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 168.7420, -2.3378, -43.6237 looks on a white background.

Color Contrast Check

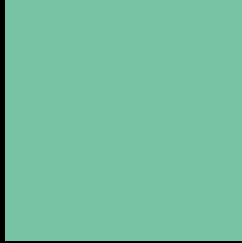
Large Text (above 18pt) WCAG AA × Fail

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 168.7420, -2.3378, -43.6237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

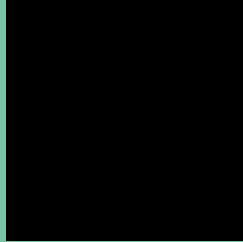
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.7420, -2.3378, -43.6237

Background



This preview shows how black text looks on a background with the YUV color 168.7420, -2.3378, -43.6237.



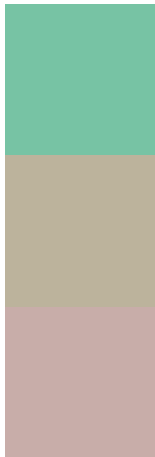
This preview shows how white text looks on a background with the YUV color 168.7420, -2.3378, -43.6237.

-43.6237.

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

168.7420, -2.3378, -43.6237

Protanopia

179.0690, -11.3730, 7.8325

Deuteranopia

180.6170, -5.7272, 16.9989



Tritanopia

172.8840, 15.8332, -38.4863

Trichromacy



Original Color

168.7420, -2.3378, -43.6237



Protanomaly

175.4580, -8.1138, -10.9257



Deuteranomaly

176.4140, -4.6411, -4.7481



Tritanomaly

171.1520, 9.2921, -40.4753

Monochromacy



Original Color

168.7420, -2.3378, -43.6237



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.6730, -0.8248, -15.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7420, -2.3378, -43.6237 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(119, 195, 164)` looks like.

```
.text, #text, p{  
    color:rgb(119, 195, 164)  
}
```

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(119, 195, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 195, 164) }
```

Border

The CSS property to change the border of an element to YUV 168.7420, -2.3378, -43.6237 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(119, 195, 164) }
```


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

```
.border{ border-color:rgb(119, 195, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 195, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 195, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 195, 164); box-shadow:4px 4px 4px 4px rgb(119, 195, 164) }
```

Background

The CSS property to change the background color of an element to YUV 168.7420, -2.3378, -43.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 195, 164) }
```

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

```
.background{ background-color: rgb(119,  
195, 164) }
```

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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