

Converting Colors

YUV(170.5250, -13.0768,
-5.7224)

Have a look what the booklet for
YUV(170.5250, -13.0768, -5.7224)
contains.

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Color

**YUV(170.5250, -13.0768,
-5.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B390
RGB	164, 179, 144
RGB Percent	64%, 70%, 56%
CMY	0.3569, 0.2980, 0.4353
CMYK	0.08, 0.00, 0.20, 0.30
HSL	86°, 19%, 63%
HSV	86°, 20%, 70%
XYZ	36.4640, 42.1463, 32.5988
YIQ	170.5250, 2.2950, -14.0650

Conversions

Conversions Part 2

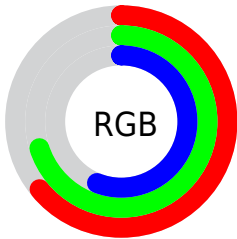
Format	Color
RYB	144, 179, 159
Decimal	10793872
CIELab	70.97, -11.57, 16.16
CIElCh	71, 19.869, 125.603
Yxy	42.1463, 0.3279, 0.3790
Android (android.graphics.Color)	4288983952 (0xFFA4B390)
YUV	170.5250, -13.0768, -5.7224
Hunter-Lab	64.9202, -13.3516, 15.6725

Details

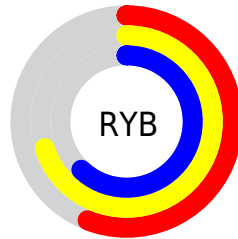
The YUV color **170.5250, -13.0768, -5.7224** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152.4750, 13.0768, 5.7224**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9980, -13.8030, -6.1372**, and **118.0520, -12.3506, -5.3076** is the 20% darker color. If you saturate the color by 10%, you get **166.0810, -19.7599, -8.8410**, and if you desaturate by 10%, it is **174.9690, -6.3937, -2.6038**.

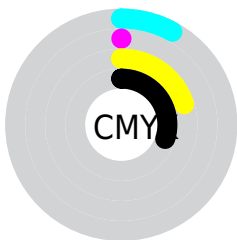
Distribution



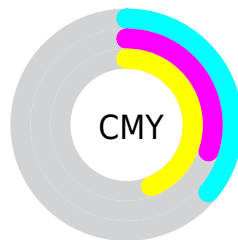
- Red (64%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (36%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5250, -13.0768, -5.7224 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 170.5250, -13.0768, -5.7224 by changing the saturation by 10% instead.

■ 170.5250,
-13.0768, -5.7224

■ 170.5250,
-13.0768, -5.7224

255.0000, 0.0000,
0.0000

■ 143.9380,
-12.7874, -5.2076

■ 225.9980,
-13.8030, -6.1372

■ 118.0520,
-12.3506, -5.3076

■ 249.6010,
-11.6353, -1.4041

■ 93.2800, -11.4770,
-5.5076

■ 69.6930, -11.1876,
-4.9928

■ 47.5080, -10.6034,
-5.7075

■ 25.9490, -12.7929,
-3.4633

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 170.5250,
-13.0768, -5.7224

■ 170.5250,
-13.0768, -5.7224

■ 166.0810,
-19.7599, -8.8410

■ 174.9690, -6.3937,
-2.6038

■ 161.9360,
-26.5904, -11.3449

■ 179.1140, 0.4368,
-0.1000

■ 157.4920,
-33.2736, -14.4635

■ 183.5580, 7.1199,
3.0186

■ 153.0480,
-39.9567, -17.5821

■ 188.0020, 13.8030,
6.1372

■ 149.0170,
-46.3504, -20.1859

■ 192.1470, 20.6335,
8.6411

■ 144.5730,
-53.0335, -23.3045

■ 196.4770, 26.8798,
11.8597

■ 140.1290,
-59.7166, -26.4231

■ 199.3250, 27.4478,
16.3780

■ 135.9840,
-66.5471, -28.9270

■ 201.4180, 26.4159,
20.6814

■ 135.5710,
-66.8365, -29.4418

■ 203.8100, 25.2367,
25.5996

Harmonies

Analogous

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



172.8860, -17.1988, 9.7470



170.5250, -13.0768, -5.7224



168.4890, -5.1711, -21.4769

Triad

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



170.5250, -13.0768, -5.7224



169.8080, 17.8427, -29.6496



176.7910, -2.8550, 29.1243

Complementary

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



170.5250, -13.0768, -5.7224



152.4750, 13.0768, 5.7224

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.



177.0270, 5.9027, 20.1473



170.5250, -13.0768, -5.7224



172.9070, 17.7938, -13.9504

Square

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



170.5250, -13.0768, -5.7224



166.9120, 13.3544, -36.7568



175.8770, 13.3716, 4.4929



175.9130, -11.2961, 29.8943

Rectangle

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



170.5250, -13.0768, -5.7224



167.1550, 1.4026, -29.9539



175.8770, 13.3716, 4.4929



176.8770, 0.0606, 27.2949

Sweetspot

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



170.5250, -13.0768, -5.7224



228.6100, -5.2307, -2.2890



163.2700, -9.5001, 13.7952



115.1910, -3.0522, -1.0445



245.0000, 0.0000, 0.0000



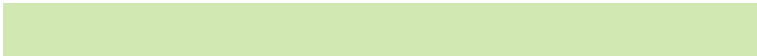
117.0000, 0.0000, 0.0000

Same Dimension

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



170.5250, -13.0768, -5.7224



219.0810, -19.7599, -8.8410



165.4420, -10.5709, -16.1736



86.7780, -3.3416, -1.5593



115.8240, -57.1012, -25.2786



19.7470, -9.7353, -4.1631

Inverse Universe

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



152.4750, 13.0768, 5.7224



191.9190, 19.7599, 8.8410



157.5580, 10.5709, 16.1736



82.2220, 3.3416, 1.5593



37.1760, 57.1012, 25.2786



6.2530, 9.7353, 4.1631

Previews

White Background



This preview shows how the YUV color 170.5250, -13.0768, -5.7224 looks on a white background.

Color Contrast Check

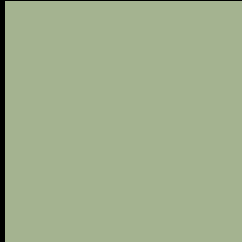
Large Text (above 18pt) WCAG AA × Fail

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 170.5250, -13.0768, -5.7224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

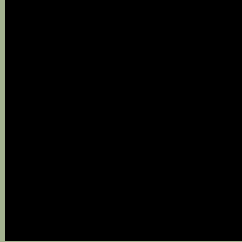
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

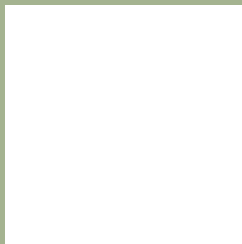
Any Text WCAG AAA ✓ Pass

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

YUV 170.5250, -13.0768, -5.7224 Background



This preview shows how black text looks on a background with the YUV color 170.5250, -13.0768, -5.7224.



This preview shows how white text looks on a background with the YUV color 170.5250, -13.0768, -5.7224.

-5.7224.

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

170.5250, -13.0768, -5.7224

Protanopia

172.6410, -15.5990, 9.9618

Deuteranopia

174.4730, -14.0372, 22.3872



Tritanopia

173.6990, 6.5574, -3.2440

Trichromacy



Original Color

170.5250, -13.0768, -5.7224

Protanomaly

171.8360, -14.7091, 4.5288

Deuteranomaly

172.8200, -13.7153, 12.4359

Tritanomaly

172.4510, -0.7153, -3.9035

Monochromacy



Original Color

170.5250, -13.0768, -5.7224

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7240, -4.7939, -2.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5250, -13.0768, -5.7224 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, 179, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 179, 144)  
}
```

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, 179, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 179, 144) }
```

Border

The CSS property to change the border of an element to YUV 170.5250, -13.0768, -5.7224 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, 179, 144) }
```


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

```
.border{ border-color:rgb(164, 179, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 179, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 179, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 179, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 179,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 170.5250, -13.0768, -5.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 179, 144) }
```

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

```
.background{ background-color: rgb(164,  
179, 144) }
```

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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