

Converting Colors

YUV(170.5070, 14.5400, 3.0634)

Have a look what the booklet for
YUV(170.5070, 14.5400, 3.0634)
contains.

YUV(170.5070, 14.5400, 3.0634)	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(170.5070, 14.5400,
3.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA3C8
RGB	174, 163, 200
RGB Percent	68%, 64%, 78%
CMY	0.3176, 0.3608, 0.2157
CMYK	0.13, 0.19, 0.00, 0.22
HSL	258°, 25%, 71%
HSV	258°, 19%, 78%
XYZ	40.9781, 39.3632, 60.0817
YIQ	170.5070, -5.3210, 13.8390

Conversions

Conversions Part 2

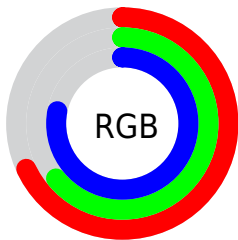
Format	Color
RYB	174, 163, 200
Decimal	11445192
CIELab	69.01, 11.29, -17.47
CIELCh	69, 20.797, 302.867
Yxy	39.3632, 0.2918, 0.2803
Android (android.graphics.Color)	4289635272 (0xFFAEA3C8)
YUV	170.5070, 14.5400, 3.0634
Hunter-Lab	62.7401, 6.7904, -12.8597

Details

The YUV color $170.5070, 14.5400, 3.0634$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $192.4930, -14.5400, -3.0634$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.8060, 14.3926, 3.6781$, and $117.9800, 13.8139, 2.6485$ is the 20% darker color. If you saturate the color by 10%, you get $154.5810, 22.3916, 4.7525$, and if you desaturate by 10%, it is $186.4330, 6.6885, 1.3743$.

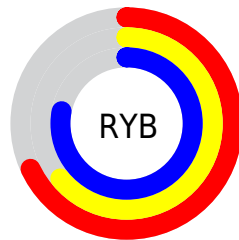
Distribution



Red (68%)

Green (64%)

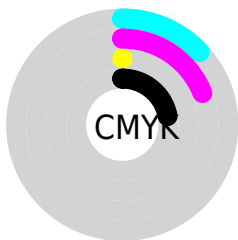
Blue (78%)



Red (68%)

Yellow (64%)

Blue (78%)

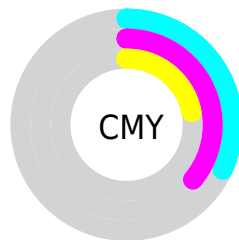


Cyan (13%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5070, 14.5400, 3.0634 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 170.5070, 14.5400, 3.0634 by changing the saturation by 10% instead.

■ 170.5070, 14.5400,
3.0634

■ 170.5070, 14.5400,
3.0634

255.0000, 0.0000,
0.0000

■ 144.0940, 14.2507,
2.5486

■ 225.8060, 14.3926,
3.6781

■ 117.9800, 13.8139,
2.6485

■ 249.7170, 2.6045,
4.6332

■ 93.4530, 13.0877,
2.2337

■ 69.9260, 12.3615,
1.8189

■ 47.5130, 12.0721,
1.3041

■ 25.9860, 11.3459,
0.8893

■ 3.1920, 12.2303,

-2.7994

■ 0.0000, 0.0000,
0.0000

■ 170.5070, 14.5400,
3.0634

■ 170.5070, 14.5400,
3.0634

■ 154.5810, 22.3916,
4.7525

■ 186.4330, 6.6885,
1.3743

■ 138.6550, 30.2431,
6.4416

■ 202.3590, -1.1630,
-0.3148

■ 122.7290, 38.0946,
8.1307

■ 218.2850, -9.0145,
-2.0039

■ 106.8030, 45.9461,
9.8198

■ 234.2110,
-16.8660, -3.6930

■ 90.8770, 53.7976,
11.5089

■ 245.4410,
-22.4024, -1.2638

■ 74.9510, 61.6492,
13.1980

■ 248.7300,
-24.0239, 5.4988

■ 59.0250, 69.5007,
14.8871

■ 43.0990, 77.3522,
16.5762

■ 40.4410, 78.6626,
16.2762

Harmonies

Analogous

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



167.2380, 19.1097, -15.9947



170.5070, 14.5400, 3.0634



171.9560, 6.9237, 19.3326

Triad

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



170.5070, 14.5400, 3.0634



169.5010, -16.5160, 24.1166



160.9310, 4.4710, -34.1425

Complementary

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



170.5070, 14.5400, 3.0634



192.4930, -14.5400, -3.0634

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.



163.2610, -6.0447, -21.2769



170.5070, 14.5400, 3.0634



167.6690, -18.0778, 11.6913

Square

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



170.5070, 14.5400, 3.0634



171.0380, -10.8647, 31.5387



165.0090, -13.8084, -4.3929



160.6020, 13.5072, -39.1160

Rectangle

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



170.5070, 14.5400, 3.0634



171.5180, 1.2236, 27.6097



165.0090, -13.8084, -4.3929



161.6280, 0.6764, -30.3688

Sweetspot

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



170.5070, 14.5400, 3.0634



242.9060, 5.9623, 0.9594



183.0670, 8.3480, -17.5988



120.6240, 3.6364, 0.3298



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.



170.5070, 14.5400, 3.0634



210.4670, 21.9548, 4.8524



175.8890, 11.8867, 14.1293



91.6240, 3.6364, 0.3298



33.2330, 63.9751, 13.8277



7.3930, 14.1033, 3.1633

Inverse Universe

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



177.0270, 5.9027, 20.1473



220.1900, 8.7803, 30.5284



187.1110, -11.8867, -14.1293



93.3750, 1.2941, 4.9331



61.8470, 26.2044, 88.7112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 170.5070, 14.5400, 3.0634 looks on a white background.

Color Contrast Check

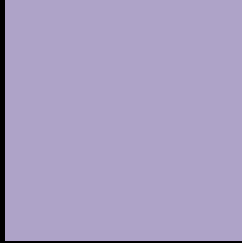
Large Text (above 18pt) WCAG AA × Fail

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 170.5070, 14.5400, 3.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

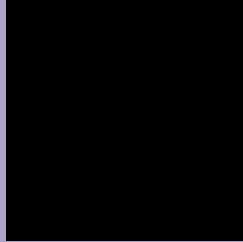
Any Text WCAG AA ✓ Pass

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 170.5070, 14.5400, 3.0634 Background



This preview shows how black text looks on a background with the YUV color 170.5070, 14.5400, 3.0634.



This preview shows how white text looks on a background with the YUV color 170.5070, 14.5400,

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

170.5070, 14.5400, 3.0634

Protanopia

169.3100, 16.6092, -7.2879

Deuteranopia

170.4850, 14.5509, -0.4253



Tritanopia

169.6780, 5.0887, 1.1594

Trichromacy



Original Color

170.5070, 14.5400, 3.0634

Protanomaly

170.1040, 15.7247, -3.5992

Deuteranomaly

170.1970, 14.6929, 0.7042

Tritanomaly

170.1880, 8.2883, 1.5891

Monochromacy



Original Color

170.5070, 14.5400, 3.0634

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5070, 14.5400, 3.0634 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(174, 163, 200)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 200)  
}
```

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(174, 163, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 200) }
```

Border

The CSS property to change the border of an element to YUV 170.5070, 14.5400, 3.0634 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(174, 163, 200) }
```


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

```
.border{ border-color:rgb(174, 163, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 163, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 163, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 163, 200); box-shadow:4px 4px 4px 4px rgb(174, 163, 200) }
```

Background

The CSS property to change the background color of an element to YUV 170.5070, 14.5400, 3.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 200) }
```

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

```
.background{ background-color: rgb(174,  
163, 200) }
```

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