

Converting Colors

YUV(160.2030, -4.5371, 8.5920)

Have a look what the booklet for
YUV(160.2030, -4.5371, 8.5920)
contains.

YUV(160.2030, -4.5371, 8.5920)	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(160.2030, -4.5371,
8.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9D97
RGB	170, 157, 151
RGB Percent	67%, 62%, 59%
CMY	0.3333, 0.3843, 0.4078
CMYK	0.00, 0.08, 0.11, 0.33
HSL	19°, 10%, 63%
HSV	19°, 11%, 67%
XYZ	34.2204, 34.8944, 34.2098
YIQ	160.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

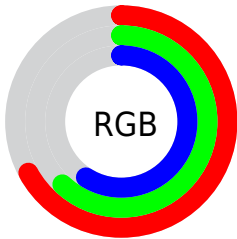
Format	Color
RYB	170, 160, 151
Decimal	11181463
CIELab	65.67, 3.69, 4.84
CIELCh	66, 6.086, 52.662
Yxy	34.8944, 0.3312, 0.3377
Android (android.graphics.Color)	4289371543 (0xFFAA9D97)
YUV	160.2030, -4.5371, 8.5920
Hunter-Lab	59.0714, 0.0311, 7.0136

Details

The YUV color **160.2030, -4.5371, 8.5920** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160.7970, 4.5371, -8.5920**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0890, -4.9739, 8.6919**, and **108.9040, -4.3897, 7.9772** is the 20% darker color. If you saturate the color by 10%, you get **151.2210, -8.4900, 16.4692**, and if you desaturate by 10%, it is **169.1850, -0.5842, 0.7148**.

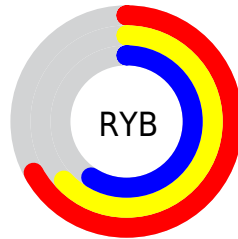
Distribution



Red (67%)

Green (62%)

Blue (59%)



Red (67%)

Yellow (63%)

Blue (59%)

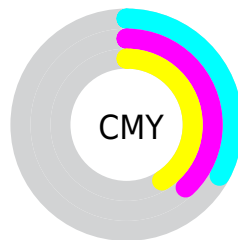


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.2030, -4.5371, 8.5920 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 160.2030, -4.5371, 8.5920 by changing the saturation by 10% instead.

■ 160.2030, -4.5371,
8.5920

■ 160.2030, -4.5371,
8.5920

255.0000, 0.0000,
0.0000

■ 133.9040, -4.3897,
7.9772

■ 215.0890, -4.9739,
8.6919

■ 108.9040, -4.3897,
7.9772

■ 243.3880, -5.1213,
9.3067

■ 84.6050, -4.2423,
7.3624

■ 61.4200, -3.6581,
6.6477

■ 39.4200, -3.6581,
6.6477

■ 18.4910, -4.6791,
7.4624

■ 0.0000, 0.0000,

0.0000

■ 160.2030, -4.5371,
8.5920

■ 160.2030, -4.5371,
8.5920

■ 151.2210, -8.4900,
16.4692

■ 169.1850, -0.5842,
0.7148

■ 142.8260,
-12.7322, 23.8316

■ 177.5800, 3.6581,
-6.6477

■ 133.8440,
-16.6851, 31.7088

■ 186.5620, 7.6109,
-14.5249

■ 124.8620,
-20.6380, 39.5860

■ 195.5440, 11.5638,
-22.4021

■ 116.4670,
-24.8802, 46.9484

■ 203.9390, 15.8061,
-29.7645

■ 107.4850,
-28.8331, 54.8257

■ 212.9210, 19.7589,
-37.6417

■ 99.0900, -33.0754,
62.1881

■ 219.6060, 17.4492,
-43.5045

■ 90.1080, -37.0282,
70.0653

■ 226.6500, 13.9766,
-49.6820

■ 82.5280, -40.6863,
76.7129

■ 229.5850, 12.5296,
-52.2560

Harmonies

Analogous

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



160.6700, -2.7953, 9.9364



160.2030, -4.5371, 8.5920



159.9530, -5.3998, 5.3032

Triad

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



160.2030, -4.5371, 8.5920



157.9450, 0.0271, -8.7218



160.1400, 4.3680, -0.9998

Complementary

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



160.2030, -4.5371, 8.5920



160.7970, 4.5371, -8.5920

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.



159.0470, 5.3998, -5.3032



160.2030, -4.5371, 8.5920



157.9170, 2.5059, -10.4512

Square

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



160.2030, -4.5371, 8.5920



158.2830, -2.6045, -4.6332



158.4980, 4.6845, -9.2067



160.4180, 2.7519, 4.0184

Rectangle

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



160.2030, -4.5371, 8.5920



159.3440, -5.0996, 2.3293



158.4980, 4.6845, -9.2067



159.6560, 5.0996, -2.3293

Sweetspot

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



160.2030, -4.5371, 8.5920



218.2670, -1.6106, 3.2738



158.1630, 2.8776, 10.3810



109.7830, -0.8790, 1.9443



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



160.2030, -4.5371, 8.5920



206.9540, -6.8793, 13.1953



165.4860, -7.1416, 3.9588



79.5660, -1.7580, 3.8886



71.8410, -35.4176, 66.7914



9.5020, -4.6845, 9.2067

Inverse Universe

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



160.7970, 4.5371, -8.5920



208.0460, 6.8793, -13.1953



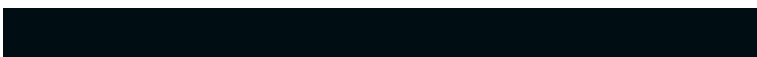
155.5140, 7.1416, -3.9588



79.8470, 2.0474, -3.3738



76.1590, 35.4176, -66.7914



10.4980, 4.6845, -9.2067

Previews

White Background



This preview shows how the YUV color 160.2030, -4.5371, 8.5920 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 160.2030, -4.5371, 8.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

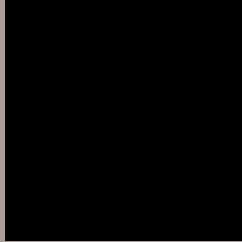
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.2030, -4.5371, 8.5920

Background



This preview shows how black text looks on a background with the YUV color 160.2030, -4.5371, 8.5920.



This preview shows how white text looks on a background with the YUV color 160.2030, -4.5371,

8.5920.

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

160.2030, -4.5371, 8.5920

Protanopia

159.6970, -3.7946, 3.7737

Deuteranopia

160.9480, -4.4114, 14.9546



Tritanopia

161.4510, 2.7357, 9.2515

Trichromacy



Original Color

160.2030, -4.5371, 8.5920

Protanomaly

159.7080, -3.8000, 5.5181

Deuteranomaly

160.6380, -4.2585, 12.5955

Tritanomaly

161.0550, -0.0271, 8.7218

Monochromacy



Original Color

160.2030, -4.5371, 8.5920

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2030, -4.5371, 8.5920 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(170, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 151)  
}
```

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(170, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 151) }
```

Border

The CSS property to change the border of an element to YUV 160.2030, -4.5371, 8.5920 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(170, 157, 151) }
```


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

```
.border{ border-color:rgb(170, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 160.2030, -4.5371, 8.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 151) }
```

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

```
.background{ background-color: rgb(170,  
157, 151) }
```

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