

Converting Colors

YUV(202.9770, -1.9607,
-24.5358)

Have a look what the booklet for
YUV(202.9770, -1.9607, -24.5358)
contains.

YUV(202.9770, -1.9607, -24.5358)	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(202.9770, -1.9607,
-24.5358)**

Conversions

Conversions Part 1

Format	Color
Hex	AFDAC7
RGB	175, 218, 199
RGB Percent	69%, 85%, 78%
CMY	0.3137, 0.1451, 0.2196
CMYK	0.20, 0.00, 0.09, 0.15
HSL	153°, 37%, 77%
HSV	153°, 20%, 85%
XYZ	53.0594, 63.3803, 63.4699
YIQ	202.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

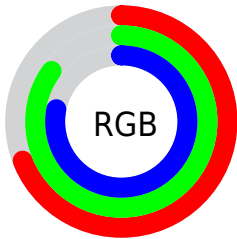
Format	Color
RYB	175, 203, 218
Decimal	11524807
CIELab	83.64, -17.79, 4.73
CIELCh	84, 18.411, 165.125
Yxy	63.3803, 0.2949, 0.3523
Android (android.graphics.Color)	4289714887 (0xFFAFDAC7)
YUV	202.9770, -1.9607, -24.5358
Hunter-Lab	79.6117, -20.3544, 8.4597

Details

The YUV color $202.9770, -1.9607, -24.5358$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $190.0230, 1.9607, 24.5358$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $148.6890, -1.8187, -23.4063$ is the 20% darker color. If you saturate the color by 10%, you get $195.2590, -3.0857, -37.0611$, and if you desaturate by 10%, it is $210.6950, -0.8356, -12.0105$.

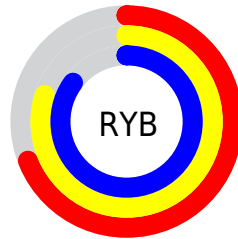
Distribution



Red (69%)

Green (85%)

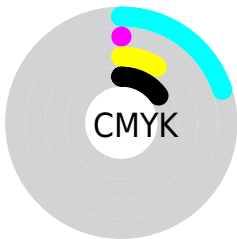
Blue (78%)



Red (69%)

Yellow (80%)

Blue (85%)

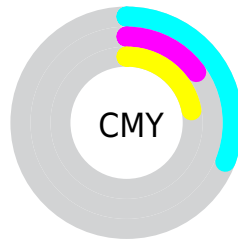


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.9770, -1.9607, -24.5358 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 202.9770, -1.9607, -24.5358 by changing the saturation by 10% instead.

■ 202.9770, -1.9607,
-24.5358

■ 202.9770, -1.9607,
-24.5358

255.0000, 0.0000,
0.0000

■ 175.3900, -1.6713,
-24.0210

■ 247.8240, 3.5378,
-14.7546

■ 148.6890, -1.8187,
-23.4063

■ 122.8030, -1.3819,
-23.5062

■ 97.5150, -1.2399,
-22.3767

■ 73.5150, -1.2399,
-22.3767

■ 50.0420, -0.5137,
-21.9618

■ 27.5580, 0.2179,

-23.2914

■ 12.4410, -5.6404,
-10.9108

■ 0.0000, 0.0000,
0.0000

■ 202.9770, -1.9607,
-24.5358

■ 202.9770, -1.9607,
-24.5358

■ 195.2590, -3.0857,
-37.0611

■ 210.6950, -0.8356,
-12.0105

■ 187.6550, -3.7739,
-49.6864

■ 218.2990, -0.1474,
0.6148

■ 180.2360, -5.0463,
-61.5970

■ 225.7180, 1.1250,
12.5253

■ 172.5180, -6.1714,
-74.1223

■ 231.3430, 3.2819,
20.7472

■ 164.9140, -6.8596,
-86.7476

■ 232.3690, 7.2131,
19.8474

■ 157.1960, -7.9846,
-99.2729

■ 233.2810, 10.7075,
19.0476

■ 149.5920, -8.6729,
-111.8982

■ 142.1730, -9.9453,
-123.8087

■ 141.8740, -9.7979,
-124.4235

Harmonies

Analogous

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



204.8880, -10.2978, -10.4258



202.9770, -1.9607, -24.5358



202.3270, 7.2338, -33.6128

Triad

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



202.9770, -1.9607, -24.5358



209.1960, 16.1724, -7.1879



210.2610, -12.4537, 27.8351

Complementary

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



202.9770, -1.9607, -24.5358



190.0230, 1.9607, 24.5358

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.



211.6940, -5.7651, 29.2094



202.9770, -1.9607, -24.5358



210.9270, 10.8820, 9.7110

Square

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



202.9770, -1.9607, -24.5358



206.0260, 17.2422, -23.7018



211.6530, 3.1291, 23.1063



208.4680, -16.4997, 18.8836

Rectangle

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



202.9770, -1.9607, -24.5358



202.6950, 12.4754, -34.8125



211.6530, 3.1291, 23.1063



210.7280, -10.7119, 29.1795

Sweetspot

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



202.9770, -1.9607, -24.5358



249.7170, -0.8465, -8.5218



205.9220, -15.2445, -10.4556



124.8530, -0.4205, -5.1331



0.0000, 0.0000, 0.0000



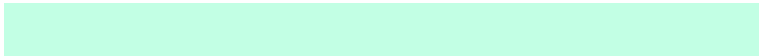
128.0000, 0.0000, 0.0000

Same Dimension

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



202.9770, -1.9607, -24.5358



233.6830, -2.8017, -34.8020



203.9690, 6.9173, -25.4058



106.1410, -0.5625, -6.2627



112.6090, -7.6952, -98.7581



29.9660, -1.9552, -26.2802

Inverse Universe

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



190.0230, 1.9607, 24.5358



215.3170, 2.8017, 34.8020



189.0310, -6.9173, 25.4058



102.8590, 0.5625, 6.2627



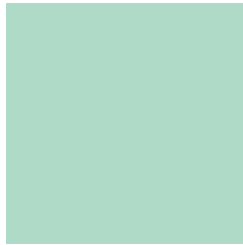
60.5050, 8.1320, 98.6581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 202.9770, -1.9607, -24.5358 looks on a white background.

Color Contrast Check

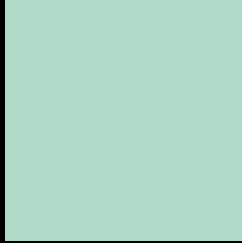
Large Text (above 18pt) WCAG AA × Fail

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 202.9770, -1.9607, -24.5358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

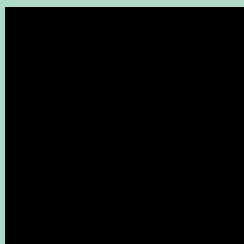
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

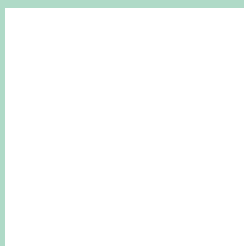
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.9770, -1.9607, -24.5358

Background



This preview shows how black text looks on a background with the YUV color 202.9770, -1.9607, -24.5358.



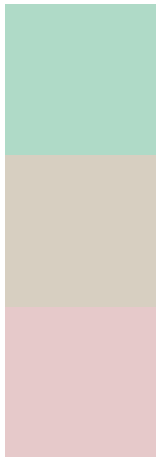
This preview shows how white text looks on a background with the YUV color 202.9770, -1.9607,

-24.5358.

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

202.9770, -1.9607, -24.5358

Protanopia

207.7960, -7.2944, 6.3179

Deuteranopia

209.7850, -3.8380, 17.7286



Tritanopia

205.3700, 12.1426, -21.3725

Trichromacy



Original Color

202.9770, -1.9607, -24.5358

Protanomaly

205.8870, -5.3673, -5.1629

Deuteranomaly

207.2130, -3.0630, 2.4442

Tritanomaly

204.6920, 7.0538, -22.5319

Monochromacy



Original Color

202.9770, -1.9607, -24.5358

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8310, -0.4097, -8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9770, -1.9607, -24.5358 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(175, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 218, 199)  
}
```

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(175, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 218, 199) }
```

Border

The CSS property to change the border of an element to YUV 202.9770, -1.9607, -24.5358 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(175, 218, 199) }
```


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

```
.border{ border-color:rgb(175, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 218, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 218, 199); box-shadow:4px 4px 4px 4px rgb(175, 218, 199) }
```

Background

The CSS property to change the background color of an element to YUV 202.9770, -1.9607, -24.5358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 218, 199) }
```

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

```
.background{ background-color: rgb(175,  
218, 199) }
```

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