

Converting Colors

YUV(164.4330, -0.2135,
-24.9357)

Have a look what the booklet for
YUV(164.4330, -0.2135, -24.9357)
contains.

YUV(164.4330, -0.2135, -24.9357)	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(164.4330, -0.2135,
-24.9357)**

Conversions

Conversions Part 1

Format	Color
Hex	88B3A4
RGB	136, 179, 164
RGB Percent	53%, 70%, 64%
CMY	0.4667, 0.2980, 0.3569
CMYK	0.24, 0.00, 0.08, 0.30
HSL	159°, 22%, 62%
HSV	159°, 24%, 70%
XYZ	32.9743, 40.1548, 41.1347
YIQ	164.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

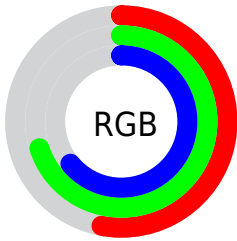
Format	Color
RYB	136, 162, 179
Decimal	8958884
CIELab	69.58, -17.55, 2.97
CIElCh	70, 17.797, 170.395
Yxy	40.1548, 0.2886, 0.3514
Android (android.graphics.Color)	4287148964 (0xFF88B3A4)
YUV	164.4330, -0.2135, -24.9357
Hunter-Lab	63.3678, -18.0088, 5.8698

Details

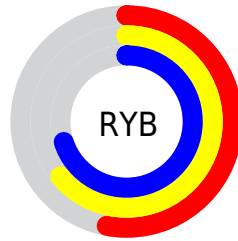
The YUV color $164.4330, -0.2135, -24.9357$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $150.5670, 0.2135, 24.9357$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.7210, -0.3555, -26.0653$, and $112.1450, -0.0715, -23.8062$ is the 20% darker color. If you saturate the color by 10%, you get $158.3670, -0.1809, -35.4019$, and if you desaturate by 10%, it is $170.4990, -0.2460, -14.4696$.

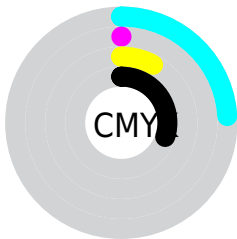
Distribution



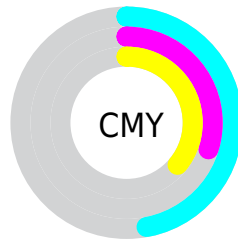
- Red (53%)
- Green (70%)
- Blue (64%)



- Red (53%)
- Yellow (64%)
- Blue (70%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (47%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4330, -0.2135, -24.9357 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 164.4330, -0.2135, -24.9357 by changing the saturation by 10% instead.

■ 164.4330, -0.2135,
-24.9357

■ 164.4330, -0.2135,
-24.9357

■ 255.0000, 0.0000,
0.0000

■ 137.8460, 0.0759,
-24.4209

■ 219.7210, -0.3555,
-26.0653

■ 112.1450, -0.0715,
-23.8062

■ 243.0250, 1.9597,
-21.9469

■ 87.5580, 0.2179,
-23.2914

■ 252.6080, 1.1793,
-4.9182

■ 63.6720, 0.6547,
-23.3913

■ 40.4870, 1.2389,
-24.1061

■ 21.8790, 0.0597,
-19.1879

■ 0.0000, 0.0000,

0.0000

■ 164.4330, -0.2135,
-24.9357

■ 164.4330, -0.2135,
-24.9357

■ 158.3670, -0.1809,
-35.4019

■ 170.4990, -0.2460,
-14.4696

■ 152.3010, -0.1484,
-45.8680

■ 176.5650, -0.2785,
-4.0035

■ 146.1210, -0.5527,
-56.2341

■ 182.7450, 0.1257,
6.3626

■ 140.0550, -0.5201,
-66.7002

■ 188.8110, 0.0932,
16.8288

■ 134.2880, -0.6350,
-76.5516

■ 194.8770, 0.0606,
27.2949

■ 128.2220, -0.6024,
-87.0177

■ 200.6440, 0.1755,
37.1462

■ 122.0420, -1.0067,
-97.3838

■ 205.0300, 1.4642,
43.8237

■ 118.4110, -0.6956,
-103.8464

■ 205.7140, 4.0850,
43.2238

■ 206.3980, 6.7058,
42.6240

Harmonies

Analogous

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



166.3330, -8.5452, -12.5700



164.4330, -0.2135, -24.9357



163.6800, 8.5388, -32.1684

Triad

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



164.4330, -0.2135, -24.9357



171.0500, 14.2723, -4.4289



171.5380, -12.5902, 24.9612

Complementary

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



164.4330, -0.2135, -24.9357



150.5670, 0.2135, 24.9357

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.



172.4550, -6.6333, 27.6650



164.4330, -0.2135, -24.9357



172.4820, 9.1294, 11.8553

Square

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



164.4330, -0.2135, -24.9357



167.8200, 16.3577, -20.0131



172.8980, 1.5293, 22.8915



169.9730, -15.7627, 15.8097

Rectangle

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



164.4330, -0.2135, -24.9357



164.4180, 12.6119, -31.9386



172.8980, 1.5293, 22.8915



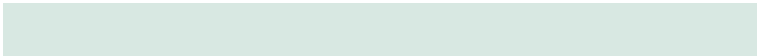
172.0050, -10.8485, 26.3056

Sweetspot

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



164.4330, -0.2135, -24.9357



226.5320, -0.2623, -9.2366



165.7260, -14.6549, -12.9147



113.9670, 0.0163, -5.2331



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.



164.4330, -0.2135, -24.9357



209.3450, -0.1701, -38.8906



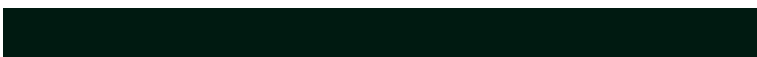
162.6210, 8.0748, -23.3466



85.9670, 0.0163, -5.2331



101.2110, -0.5970, -88.7620



17.2000, -0.0986, -15.0844

Inverse Universe

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



150.5670, 0.2135, 24.9357



187.6550, 0.1701, 38.8906



152.3790, -8.0748, 23.3466



83.0330, -0.0163, 5.2331



51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 164.4330, -0.2135, -24.9357 looks on a white background.

Color Contrast Check

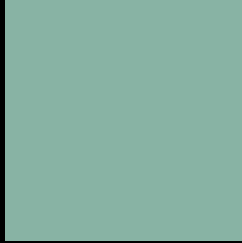
Large Text (above 18pt) WCAG AA × Fail

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 164.4330, -0.2135, -24.9357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

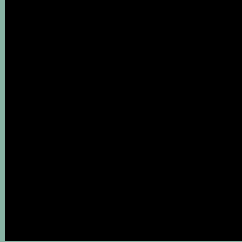
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.4330, -0.2135, -24.9357

Background



This preview shows how black text looks on a background with the YUV color 164.4330, -0.2135, -24.9357.



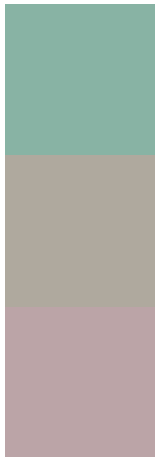
This preview shows how white text looks on a background with the YUV color 164.4330, -0.2135, -24.9357.

-24.9357.

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

164.4330, -0.2135, -24.9357

Protanopia

169.5400, -5.6892, 4.7884

Deuteranopia

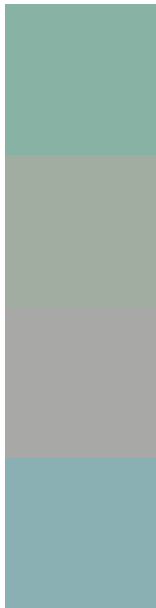
171.2190, -2.0800, 13.8399



Tritanopia

166.4300, 11.1270, -22.3021

Trichromacy



Original Color

164.4330, -0.2135, -24.9357

Protanomaly

167.9300, -3.9095, -6.0776

Deuteranomaly

168.3590, -1.1630, -0.3148

Tritanomaly

165.3930, 7.2013, -23.1467

Monochromacy



Original Color

164.4330, -0.2135, -24.9357

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9450, 0.0271, -8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4330, -0.2135, -24.9357 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(136, 179, 164)` looks like.

```
.text, #text, p{  
    color:rgb(136, 179, 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(136, 179, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 179, 164) }
```

Border

The CSS property to change the border of an element to YUV 164.4330, -0.2135, -24.9357 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(136, 179, 164) }
```


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

```
.border{ border-color:rgb(136, 179, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 179, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 179, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 179, 164);  
box-shadow:4px 4px 4px 4px rgb(136, 179,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 164.4330, -0.2135, -24.9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 179, 164) }
```

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

```
.background{ background-color: rgb(136,  
179, 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](#).

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