

Converting Colors

YUV(187.1640, 7.8071,
-30.8388)

Have a look what the booklet for
YUV(187.1640, 7.8071, -30.8388)
contains.

YUV(187.1640, 7.8071, -30.8388)	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(187.1640, 7.8071,
-30.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	98CACB
RGB	152, 202, 203
RGB Percent	60%, 79%, 80%
CMY	0.4039, 0.2078, 0.2039
CMYK	0.25, 0.00, 0.00, 0.20
HSL	181°, 33%, 70%
HSV	181°, 25%, 80%
XYZ	44.8489, 53.2283, 64.4102
YIQ	187.1640, -30.1210, -10.2890

Conversions

Conversions Part 2

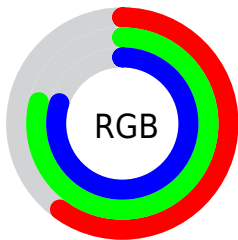
Format	Color
RYB	152, 177, 203
Decimal	10013387
CIELab	78.01, -15.95, -5.81
CIELCh	78, 16.976, 199.999
Yxy	53.2283, 0.2760, 0.3276
Android (android.graphics.Color)	4288203467 (0xFF98CACB)
YUV	187.1640, 7.8071, -30.8388
Hunter-Lab	72.9577, -17.9476, -1.2734

Details

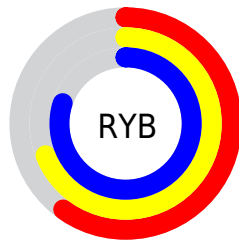
The YUV color **187.1640, 7.8071, -30.8388** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **167.8360, -7.8071, 30.8388**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **133.4630, 7.6597, -30.2241** is the 20% darker color. If you saturate the color by 10%, you get **181.1840, 10.7553, -43.1344**, and if you desaturate by 10%, it is **193.1440, 4.8590, -18.5433**.

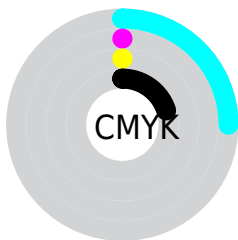
Distribution



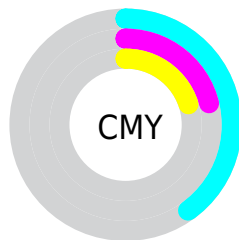
- Red (60%)
- Green (79%)
- Blue (80%)



- Red (60%)
- Yellow (69%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1640, 7.8071, -30.8388 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 187.1640, 7.8071, -30.8388 by changing the saturation by 10% instead.

■ 187.1640, 7.8071,
-30.8388

■ 187.1640, 7.8071,
-30.8388

255.0000, 0.0000,
0.0000

■ 160.1640, 7.8071,
-30.8388

■ 240.6480, 7.0755,
-29.5093

■ 133.4630, 7.6597,
-30.2241

■ 249.3190, 2.8007,
-11.6808

■ 107.7620, 7.5123,
-29.6093

■ 82.7620, 7.5123,
-29.6093

■ 58.2780, 8.2439,
-30.9388

■ 35.2780, 8.2439,
-30.9388

■ 21.1440, 4.8590,

-18.5433

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 187.1640, 7.8071,
-30.8388

■ 187.1640, 7.8071,
-30.8388

■ 181.1840, 10.7553,
-43.1344

■ 193.1440, 4.8590,
-18.5433

■ 174.3180, 14.1402,
-55.5299

■ 200.0100, 1.4741,
-6.1478

■ 168.3380, 17.0884,
-67.8254

■ 205.9900, -1.4741,
6.1478

■ 161.7710, 20.3259,
-79.6062

■ 212.5570, -4.7116,
17.9285

■ 155.7910, 23.2740,
-91.9017

■ 218.8360, -7.8071,
30.8388

■ 149.5120, 26.3696,
-104.8120

■ 219.1350, -7.9546,
31.4536

■ 142.9450, 29.6071,
-116.5928

■ 219.7220, -8.2439,
30.9388

■ 139.9550, 31.0812,
-122.7405

■ 220.3090, -8.5333,
30.4240

Harmonies

Analogous

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



187.7320, -0.3609, -24.3210



187.1640, 7.8071, -30.8388



188.3690, 13.6221, -29.2646

Triad

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



187.1640, 7.8071, -30.8388



195.6560, 8.5506, 10.8257



193.0870, -15.3259, 15.7097

Complementary

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



187.1640, 7.8071, -30.8388



167.8360, -7.8071, 30.8388

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.



194.2390, -12.4428, 24.3464



187.1640, 7.8071, -30.8388



195.8980, 1.5293, 22.8915

Square

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



187.1640, 7.8071, -30.8388



193.9360, 13.8356, -4.3289



195.2700, -6.0491, 26.9502



191.0530, -13.8301, 2.5845

Rectangle

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



187.1640, 7.8071, -30.8388



189.9830, 15.7844, -22.7871



195.2700, -6.0491, 26.9502



193.3370, -14.4631, 18.9985

Sweetspot

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



187.1640, 7.8071, -30.8388



249.0200, 2.9481, -12.2955



182.0510, -14.3221, -26.3547



123.5260, 2.2057, -7.4773



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.



187.1640, 7.8071, -30.8388



231.6890, 11.4923, -46.2083



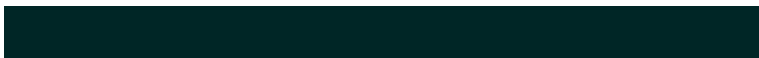
172.4890, 15.0419, -17.9689



99.0100, 1.4741, -6.1478



114.6050, 25.3377, -100.5086



26.6380, 5.6015, -23.3615

Inverse Universe

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



172.9490, 14.3221, 26.3547



210.2740, 21.5569, 39.2247



182.5110, -15.0419, 17.9689



96.1300, 2.8939, 5.1480



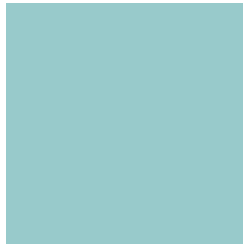
68.2160, 46.7285, 85.7566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 187.1640, 7.8071, -30.8388 looks on a white background.

Color Contrast Check

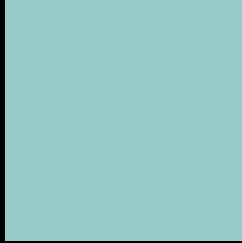
Large Text (above 18pt) WCAG AA × Fail

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 187.1640, 7.8071, -30.8388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

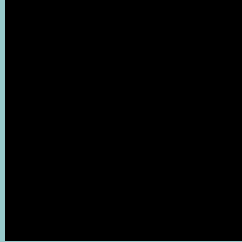
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.1640, 7.8071, -30.8388

Background



This preview shows how black text looks on a background with the YUV color 187.1640, 7.8071, -30.8388.



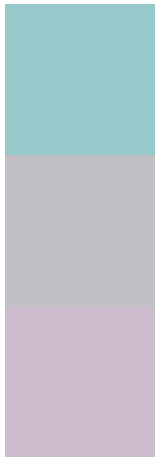
This preview shows how white text looks on a background with the YUV color 187.1640, 7.8071,

-30.8388.

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

187.1640, 7.8071, -30.8388

Protanopia

192.5810, 2.1786, 1.2445

Deuteranopia

194.5480, 5.6458, 9.1664



Tritanopia

188.3690, 13.6221, -29.2646

Trichromacy



Original Color

187.1640, 7.8071, -30.8388

Protanomaly

190.6720, 4.1057, -10.2363

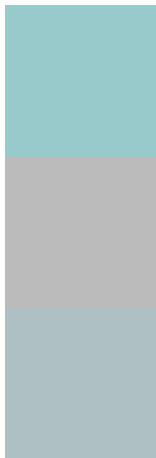
Deuteranomaly

191.6880, 6.5628, -4.9884

Tritanomaly

188.0870, 11.2961, -29.8943

Monochromacy



Original Color

187.1640, 7.8071, -30.8388

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7320, 3.0901, -11.1660

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1640, 7.8071, -30.8388 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(152, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(152, 202, 203)  
}
```

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(152, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 202, 203) }
```

Border

The CSS property to change the border of an element to YUV 187.1640, 7.8071, -30.8388 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(152, 202, 203) }
```


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

```
.border{ border-color:rgb(152, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 202, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 202, 203); box-shadow:4px 4px 4px 4px rgb(152, 202, 203) }
```

Background

The CSS property to change the background color of an element to YUV 187.1640, 7.8071, -30.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 202, 203) }
```

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

```
.background{ background-color: rgb(152,  
202, 203) }
```

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