

Converting Colors

YUV(177.4310, 2.7455,
-40.7200)

Have a look what the booklet for
YUV(177.4310, 2.7455, -40.7200)
contains.

YUV(177.4310, 2.7455, -40.7200)	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(177.4310, 2.7455,
-40.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	83C8B7
RGB	131, 200, 183
RGB Percent	51%, 78%, 72%
CMY	0.4863, 0.2157, 0.2824
CMYK	0.35, 0.00, 0.08, 0.22
HSL	165°, 39%, 65%
HSV	165°, 34%, 78%
XYZ	38.5616, 49.5527, 52.3320
YIQ	177.4310, -35.6670, -19.9150

Conversions

Conversions Part 2

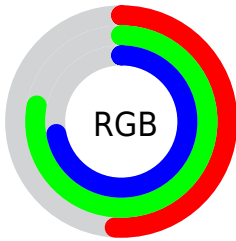
Format	Color
RYB	131, 170, 200
Decimal	8636599
CIELab	75.79, -25.52, 1.60
CIElCh	76, 25.566, 176.406
Yxy	49.5527, 0.2746, 0.3528
Android (android.graphics.Color)	4286826679 (0xFF83C8B7)
YUV	177.4310, 2.7455, -40.7200
Hunter-Lab	70.3937, -25.4069, 5.1983

Details

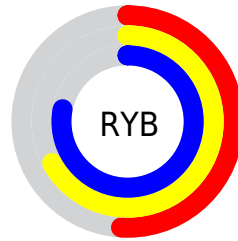
The YUV color $177.4310, 2.7455, -40.7200$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $153.5690, -2.7455, 40.7200$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.5450, 3.1823, -40.8200$, and $123.8440, 3.0349, -40.2052$ is the 20% darker color. If you saturate the color by 10%, you get $170.8810, 3.5097, -52.5156$, and if you desaturate by 10%, it is $183.9810, 1.9814, -28.9243$.

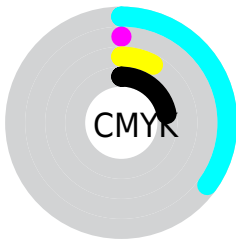
Distribution



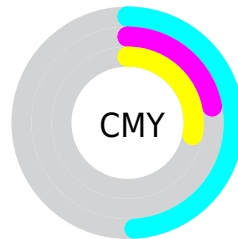
- Red (51%)
- Green (78%)
- Blue (72%)



- Red (51%)
- Yellow (67%)
- Blue (78%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.4310, 2.7455, -40.7200 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 177.4310, 2.7455, -40.7200 by changing the saturation by 10% instead.

■ 177.4310, 2.7455,
-40.7200

■ 177.4310, 2.7455,
-40.7200

■ 255.0000, 0.0000,
0.0000

■ 150.4310, 2.7455,
-40.7200

■ 232.5450, 3.1823,
-40.8200

■ 123.8440, 3.0349,
-40.2052

■ 243.0400, 5.8963,
-24.5911

■ 97.6590, 3.6191,
-40.9199

■ 251.7110, 1.6215,
-6.7625

■ 71.5770, 4.6455,
-43.4790

■ 48.2890, 4.7875,
-42.3495

■ 32.2800, 1.8340,
-28.3096

■ 18.7330, -1.8404,

-16.4288

■ 0.0000, 0.0000,
0.0000

■ 177.4310, 2.7455,
-40.7200

■ 177.4310, 2.7455,
-40.7200

■ 170.8810, 3.5097,
-52.5156

■ 183.9810, 1.9814,
-28.9243

■ 164.3310, 4.2738,
-64.3113

■ 190.5310, 1.2172,
-17.1287

■ 157.7810, 5.0380,
-76.1069

■ 197.0810, 0.4531,
-5.3330

■ 151.2310, 5.8021,
-87.9026

■ 203.6310, -0.3111,
6.4626

■ 144.6810, 6.5663,
-99.6982

■ 210.1810, -1.0752,
18.2583

■ 138.1310, 7.3304,
-111.4939

■ 216.7310, -1.8394,
30.0539

■ 134.6140, 8.0783,
-118.0565

■ 218.3830, -0.6818,
32.1131

■ 218.9530, 1.5022,
31.6132

■ 219.5230, 3.6862,
31.1133

Harmonies

Analogous

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



180.2240, -9.9704, -22.1214



177.4310, 2.7455, -40.7200



176.5790, 14.9976, -50.4968

Triad

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



177.4310, 2.7455, -40.7200



188.8530, 19.7925, -1.6251



188.3450, -19.8901, 33.0234

Complementary

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



177.4310, 2.7455, -40.7200



153.5690, -2.7455, 40.7200

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.



189.6800, -11.1812, 39.7456



177.4310, 2.7455, -40.7200



190.7050, 10.9914, 21.3067

Square

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



177.4310, 2.7455, -40.7200



184.1380, 24.0890, -26.4310



190.6330, 0.1809, 35.4019



185.8610, -22.6095, 18.5389

Rectangle

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



177.4310, 2.7455, -40.7200



177.7840, 20.8125, -48.9226



190.6330, 0.1809, 35.4019



188.4640, -16.9908, 36.4271

Sweetspot

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



177.4310, 2.7455, -40.7200



246.8410, 1.0644, -14.7696



176.5860, -22.4739, -25.0699



122.7600, 0.6113, -9.4365



0.0000, 0.0000, 0.0000



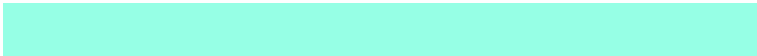
128.0000, 0.0000, 0.0000

Same Dimension

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



177.4310, 2.7455, -40.7200



220.6410, 4.1210, -61.9522



169.3900, 15.0907, -33.6680



96.0810, 0.4531, -5.3330



109.7030, 6.5554, -96.2095



24.2100, 1.3755, -21.2322

Inverse Universe

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



153.5690, -2.7455, 40.7200



184.3590, -4.1210, 61.9522



161.6100, -15.0907, 33.6680



92.9190, -0.4531, 5.3330



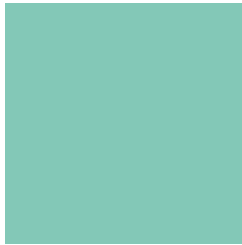
53.2970, -6.5554, 96.2095



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 177.4310, 2.7455, -40.7200 looks on a white background.

Color Contrast Check

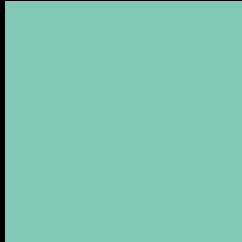
Large Text (above 18pt) WCAG AA × Fail

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 177.4310, 2.7455, -40.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

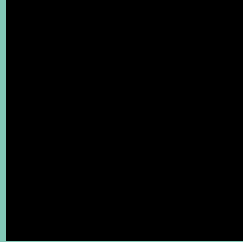
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.4310, 2.7455, -40.7200

Background



This preview shows how black text looks on a background with the YUV color 177.4310, 2.7455, -40.7200.



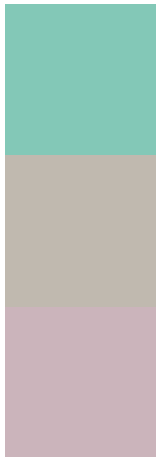
This preview shows how white text looks on a background with the YUV color 177.4310, 2.7455, -40.7200.

-40.7200.

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

177.4310, 2.7455, -40.7200

Protanopia

185.9530, -5.3998, 5.3032

Deuteranopia

187.6750, -0.3328, 13.4400



Tritanopia

180.4820, 15.5384, -37.2567

Trichromacy



Original Color

177.4310, 2.7455, -40.7200

Protanomaly

182.6520, -2.2934, -11.0958

Deuteranomaly

183.8960, 1.0373, -6.0478

Tritanomaly

178.9180, 10.8864, -38.5161

Monochromacy



Original Color

177.4310, 2.7455, -40.7200

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8410, 1.0644, -14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.4310, 2.7455, -40.7200 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(131, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(131, 200, 183)  
}
```

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(131, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 200, 183) }
```

Border

The CSS property to change the border of an element to YUV 177.4310, 2.7455, -40.7200 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(131, 200, 183) }
```


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

```
.border{ border-color:rgb(131, 200, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 200, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 200, 183); box-shadow:4px 4px 4px 4px rgb(131, 200, 183) }
```

Background

The CSS property to change the background color of an element to YUV 177.4310, 2.7455, -40.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 200, 183) }
```

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

```
.background{ background-color: rgb(131,  
200, 183) }
```

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