

Converting Colors

YUV(173.0290, 2.4507,
-39.4904)

Have a look what the booklet for
YUV(173.0290, 2.4507, -39.4904)
contains.

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Color

**YUV(173.0290, 2.4507,
-39.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	80C3B2
RGB	128, 195, 178
RGB Percent	50%, 76%, 70%
CMY	0.4980, 0.2353, 0.3020
CMYK	0.34, 0.00, 0.09, 0.24
HSL	165°, 36%, 63%
HSV	165°, 34%, 76%
XYZ	36.4531, 46.8338, 49.2380
YIQ	173.0290, -34.4750, -19.4910

Conversions

Conversions Part 2

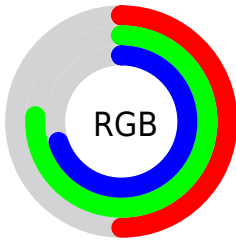
Format	Color
RYB	128, 166, 195
Decimal	8438706
CIELab	74.08, -25.02, 1.80
CIELCh	74, 25.080, 175.876
Yxy	46.8338, 0.2751, 0.3534
Android (android.graphics.Color)	4286628786 (0xFF80C3B2)
YUV	173.0290, 2.4507, -39.4904
Hunter-Lab	68.4352, -24.6808, 5.2464

Details

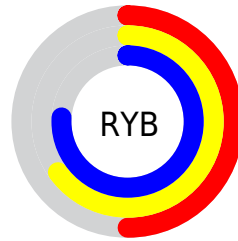
The YUV color $173.0290, 2.4507, -39.4904$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $149.9710, -2.4507, 39.4904$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.3170, 2.3087, -40.6200$, and $119.4420, 2.7401, -38.9756$ is the 20% darker color. If you saturate the color by 10%, you get $166.7780, 3.0674, -50.6713$, and if you desaturate by 10%, it is $179.5790, 1.6866, -27.6948$.

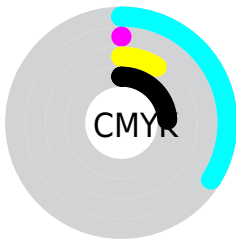
Distribution



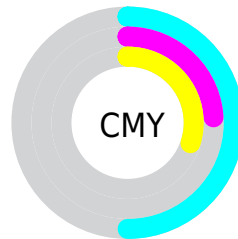
- Red (50%)
- Green (76%)
- Blue (70%)



- Red (50%)
- Yellow (65%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (50%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0290, 2.4507, -39.4904 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 173.0290, 2.4507, -39.4904 by changing the saturation by 10% instead.

 173.0290, 2.4507,
-39.4904

 173.0290, 2.4507,
-39.4904

255.0000, 0.0000,
0.0000


 146.0290, 2.4507,
-39.4904


 229.3170, 2.3087,
-40.6200


 119.4420, 2.7401,
-38.9756

 241.8440, 6.4859,
-27.0502

 93.6700, 3.6137,
-39.1756

 250.5150, 2.2111,
-9.2217

 67.2890, 4.7875,
-42.3495

 45.4850, 4.1979,
-39.8903

 29.5900, 1.6811,
-25.9504

 14.6410, -2.2880,

-12.8402

■ 0.0000, 0.0000,
0.0000

■ 173.0290, 2.4507,
-39.4904

■ 173.0290, 2.4507,
-39.4904

■ 166.7780, 3.0674,
-50.6713

■ 179.5790, 1.6866,
-27.6948

■ 160.2280, 3.8316,
-62.4670

■ 185.8300, 1.0698,
-16.5139

■ 153.9770, 4.4483,
-73.6478

■ 192.3800, 0.3057,
-4.7183

■ 147.4270, 5.2125,
-85.4435

■ 198.6310, -0.3111,
6.4626

■ 141.1760, 5.8292,
-96.6244

■ 205.1810, -1.0752,
18.2583

■ 134.6260, 6.5934,
-108.4200

■ 211.4320, -1.6920,
29.4391

■ 131.1090, 7.3413,
-114.9826

■ 214.9920, -0.9821,
35.0870

■ 215.5620, 1.2019,
34.5871

■ 216.1320, 3.3859,
34.0872

Harmonies

Analogous

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



175.9360, -9.8284, -20.9919



173.0290, 2.4507, -39.4904



172.0630, 14.2659, -49.1673

Triad

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



173.0290, 2.4507, -39.4904



183.7390, 19.3557, -1.5251



183.5730, -19.0165, 32.8235

Complementary

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



173.0290, 2.4507, -39.4904



149.9710, -2.4507, 39.4904

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.



185.0820, -10.8864, 38.5161



173.0290, 2.4507, -39.4904



185.9930, 10.8495, 20.1771

Square

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



173.0290, 2.4507, -39.4904



179.4370, 23.9416, -25.8162



185.9210, 0.0389, 34.2723



181.5620, -22.4621, 17.9241

Rectangle

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



173.0290, 2.4507, -39.4904



173.2680, 20.0809, -47.5930



185.9210, 0.0389, 34.2723



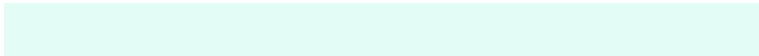
184.1650, -16.8433, 35.8123

Sweetspot

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



173.0290, 2.4507, -39.4904



243.8410, 1.0644, -14.7696



172.7110, -22.0425, -23.4255



122.7600, 0.6113, -9.4365



0.0000, 0.0000, 0.0000



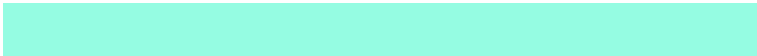
128.0000, 0.0000, 0.0000

Same Dimension

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



173.0290, 2.4507, -39.4904



218.2390, 3.8262, -60.7226



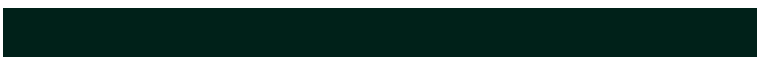
165.5750, 14.5065, -32.9533



93.6680, 0.1637, -5.8478



108.1870, 5.8238, -94.8800



22.2210, 1.3700, -19.4878

Inverse Universe

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



149.9710, -2.4507, 39.4904



182.7610, -3.8262, 60.7226



157.4250, -14.5065, 32.9533



90.3320, -0.1637, 5.8478



52.8130, -5.8238, 94.8800



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 173.0290, 2.4507, -39.4904 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 173.0290, 2.4507, -39.4904 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

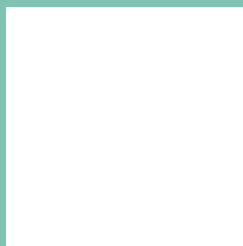
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.0290, 2.4507, -39.4904

Background



This preview shows how black text looks on a background with the YUV color 173.0290, 2.4507, -39.4904.



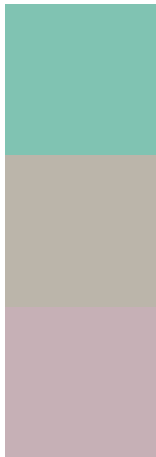
This preview shows how white text looks on a background with the YUV color 173.0290, 2.4507,

-39.4904.

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

173.0290, 2.4507, -39.4904

Protanopia

181.5400, -5.6892, 4.7884

Deuteranopia

183.2620, -0.6222, 12.9252



Tritanopia

175.9660, 14.8068, -35.9272

Trichromacy



Original Color

173.0290, 2.4507, -39.4904

Protanomaly

178.5380, -2.7302, -10.9958

Deuteranomaly

179.7820, 0.6005, -5.9478

Tritanomaly

174.5160, 10.5916, -37.2865

Monochromacy



Original Color

173.0290, 2.4507, -39.4904

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1400, 0.9170, -14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0290, 2.4507, -39.4904 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(128, 195, 178)` looks like.

```
.text, #text, p{  
    color:rgb(128, 195, 178)  
}
```

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(128, 195, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 195, 178) }
```

Border

The CSS property to change the border of an element to YUV 173.0290, 2.4507, -39.4904 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(128, 195, 178) }
```


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

```
.border{ border-color:rgb(128, 195, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 195, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 195, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 195, 178);  
box-shadow:4px 4px 4px 4px rgb(128, 195,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 173.0290, 2.4507, -39.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 195, 178) }
```

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

```
.background{ background-color: rgb(128,  
195, 178) }
```

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](#).

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