

Converting Colors

YUV(173.0850, -22.7199,
-39.5395)

Have a look what the booklet for
YUV(173.0850, -22.7199, -39.5395)
contains.

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Color

**YUV(173.0850, -22.7199,
-39.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	80CD7F
RGB	128, 205, 127
RGB Percent	50%, 80%, 50%
CMY	0.4980, 0.1961, 0.5020
CMYK	0.38, 0.00, 0.38, 0.20
HSL	119°, 44%, 65%
HSV	119°, 38%, 80%
XYZ	34.5642, 49.7841, 27.8663
YIQ	173.0850, -20.8540, -40.5820

Conversions

Conversions Part 2

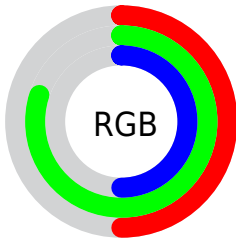
Format	Color
RYB	127, 205, 204
Decimal	8441215
CIELab	75.94, -39.39, 31.53
CIELCh	76, 50.456, 141.323
Yxy	49.7841, 0.3080, 0.4437
Android (android.graphics.Color)	4286631295 (0xFF80CD7F)
YUV	173.0850, -22.7199, -39.5395
Hunter-Lab	70.5579, -36.0345, 25.9744

Details

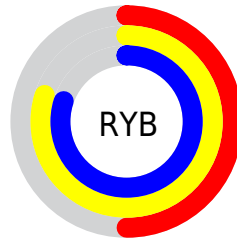
The YUV color **173.0850, -22.7199, -39.5395** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **158.9150, 22.7199, 39.5395**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2210, -22.2940, -36.1508**, and **118.9540, -20.6833, -39.4247** is the 20% darker color. If you saturate the color by 10%, you get **164.8250, -28.5077, -49.8355**, and if you desaturate by 10%, it is **181.4590, -16.4953, -29.3435**.

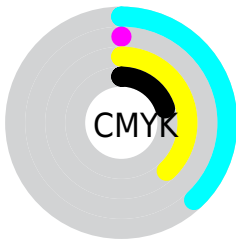
Distribution



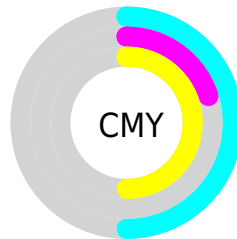
- Red (50%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0850, -22.7199, -39.5395 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 173.0850, -22.7199, -39.5395 by changing the saturation by 10% instead.

■ 173.0850,
-22.7199, -39.5395

■ 173.0850,
-22.7199, -39.5395

■ 255.0000, 0.0000,
0.0000

■ 145.6120,
-21.9937, -39.1247

■ 225.2210,
-22.2940, -36.1508

■ 118.9540,
-20.6833, -39.4247

■ 236.7850,
-14.1910, -21.7364

■ 92.5840, -19.5149,
-40.8542

■ 248.7620, -5.7987,
-6.8073

■ 64.1210, -17.3147,
-46.5871

■ 43.8940, -19.6677,
-38.4950

■ 29.3500, -14.4695,
-25.7399

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 173.0850,
-22.7199, -39.5395

■ 173.0850,
-22.7199, -39.5395

■ 164.8250,
-28.5077, -49.8355

■ 181.4590,
-16.4953, -29.3435

■ 156.4510,
-34.7323, -60.0315

■ 189.7190,
-10.7075, -19.0476

■ 147.8920,
-40.3728, -70.9423

■ 198.3920, -4.6303,
-8.2368

■ 139.5180,
-46.5974, -81.1383

■ 206.6520, 1.1576,
2.0592

■ 131.2580,
-52.3852, -91.4343

■ 215.0260, 7.3822,
12.2552

■ 122.8840,
-58.6098, -101.6303

■ 223.2860, 13.1700,
22.5512

■ 121.2320,
-59.7674, -103.6895

■ 225.6500, 14.4696,
25.7400

Harmonies

Analogous

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



180.2400, -41.0373, 2.4205



173.0850, -22.7199, -39.5395



156.3330, 7.7238, -97.6390

Triad

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



173.0850, -22.7199, -39.5395



165.9490, 43.9021, -81.5163



182.6660, -13.1463, 63.4369

Complementary

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



173.0850, -22.7199, -39.5395



158.9150, 22.7199, 39.5395

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.



187.4370, 7.6726, 59.2528



173.0850, -22.7199, -39.5395



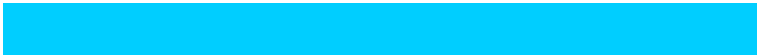
185.5600, 34.2339, -13.6461

Square

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



173.0850, -22.7199, -39.5395



149.9920, 51.7689, -131.5430



192.5060, 26.3725, 34.6362



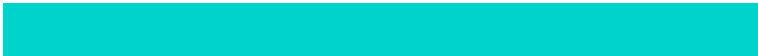
185.1500, -34.0909, 61.2585

Rectangle

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



173.0850, -22.7199, -39.5395



147.1130, 28.0453, -129.0181



192.5060, 26.3725, 34.6362



183.2020, -6.0156, 62.9668

Sweetspot

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



173.0850, -22.7199, -39.5395



243.4360, -8.1029, -14.4144



195.5210, -33.7809, 8.3131



120.9790, -4.9196, -8.7516



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.



173.0850, -22.7199, -39.5395



206.9780, -34.0062, -59.6167



177.1180, -5.9742, -43.9535



97.8700, -2.8939, -5.1480



98.0400, -48.3337, -84.2271



22.3060, -10.9969, -19.5624

Inverse Universe

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



158.9150, 22.7199, 39.5395



185.7230, 34.1536, 59.0019



154.8820, 5.9742, 43.9535



96.1300, 2.8939, 5.1480



67.9600, 48.3337, 84.2271



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 173.0850, -22.7199, -39.5395 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 173.0850, -22.7199, -39.5395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

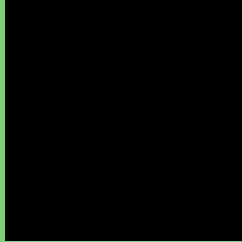
Any Text WCAG AA ✓ Pass

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 173.0850, -22.7199, -39.5395 Background



This preview shows how black text looks on a background with the YUV color 173.0850, -22.7199, -39.5395.



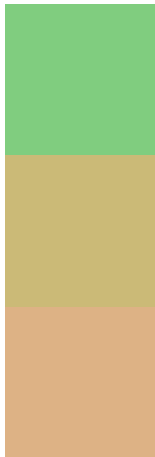
This preview shows how white text looks on a background with the YUV color 173.0850, -22.7199, -39.5395.

-39.5395.

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

173.0850, -22.7199, -39.5395

Protanopia

183.4450, -31.7714, 17.1497

Deuteranopia

185.7270, -25.9944, 30.9344



Tritanopia

181.5750, 14.5065, -32.9533

Trichromacy



Original Color

173.0850, -22.7199, -39.5395

Protanomaly

179.8230, -28.5067, -3.3528

Deuteranomaly

181.2030, -24.7501, 5.0840

Tritanomaly

178.5950, 0.6927, -35.6018

Monochromacy



Original Color

173.0850, -22.7199, -39.5395

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3220, -8.5397, -14.3144

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0850, -22.7199, -39.5395 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, 205, 127)` looks like.

```
.text, #text, p{  
    color:rgb(128, 205, 127)  
}
```

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, 205, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 205, 127) }
```

Border

The CSS property to change the border of an element to YUV 173.0850, -22.7199, -39.5395 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, 205, 127) }
```


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

```
.border{ border-color:rgb(128, 205, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 205, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 205, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 205, 127);  
box-shadow:4px 4px 4px 4px rgb(128, 205,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 173.0850, -22.7199, -39.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 205, 127) }
```

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

```
.background{ background-color: rgb(128,  
205, 127) }
```

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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