

Converting Colors

YUV(176.5750, -25.9195,
-39.9693)

Have a look what the booklet for
YUV(176.5750, -25.9195, -39.9693)
contains.

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Color

**YUV(176.5750, -25.9195,
-39.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	83D27C
RGB	131, 210, 124
RGB Percent	51%, 82%, 49%
CMY	0.4863, 0.1765, 0.5137
CMYK	0.38, 0.00, 0.41, 0.18
HSL	115°, 49%, 65%
HSV	115°, 41%, 82%
XYZ	36.0448, 52.3737, 27.2782
YIQ	176.5750, -19.4780, -43.4940

Conversions

Conversions Part 2

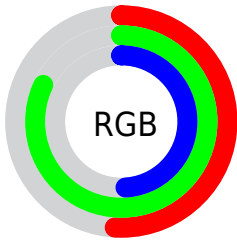
Format	Color
RYB	124, 210, 203
Decimal	8639100
CIELab	77.50, -41.12, 35.13
CIELCh	78, 54.085, 139.490
Yxy	52.3737, 0.3115, 0.4527
Android (android.graphics.Color)	4286829180 (0xFF83D27C)
YUV	176.5750, -25.9195, -39.9693
Hunter-Lab	72.3697, -37.7425, 28.3107

Details

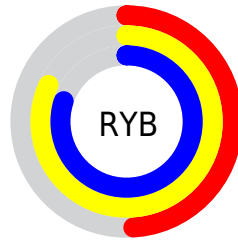
The YUV color **176.5750, -25.9195, -39.9693** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **157.4250, 25.9195, 39.9693**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8900, -23.6098, -34.1065**, and **122.0310, -24.1723, -40.3692** is the 20% darker color. If you saturate the color by 10%, you get **168.5000, -32.2915, -49.5505**, and if you desaturate by 10%, it is **184.6500, -19.5475, -30.3881**.

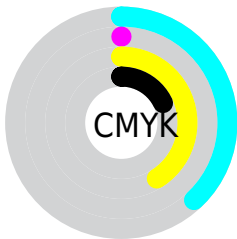
Distribution



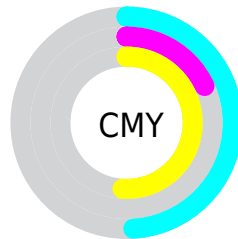
- Red (51%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5750, -25.9195, -39.9693 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 176.5750, -25.9195, -39.9693 by changing the saturation by 10% instead.

■ 176.5750,
-25.9195, -39.9693

■ 176.5750,
-25.9195, -39.9693

255.0000, 0.0000,
0.0000

■ 149.1020,
-25.1933, -39.5545

■ 225.8900,
-23.6098, -34.1065

■ 122.0310,
-24.1723, -40.3692

■ 237.6390,
-16.0910, -18.9774

■ 95.0740, -22.7145,
-41.2839

■ 249.6160, -7.6987,
-4.0482

■ 67.1980, -20.8036,
-47.5316

■ 45.7860, -22.5725,
-40.1543

■ 31.6980, -15.6271,
-27.7991

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 176.5750,
-25.9195, -39.9693

■ 176.5750,
-25.9195, -39.9693

■ 168.5000,
-32.2915, -49.5505

■ 184.6500,
-19.5475, -30.3881

■ 160.1260,
-38.5161, -59.7465

■ 193.0240,
-13.3228, -20.1920

■ 152.0510,
-44.8881, -69.3277

■ 201.0990, -6.9508,
-10.6108

■ 143.9760,
-51.2602, -78.9090

■ 209.1740, -0.5788,
-1.0296

■ 135.9010,
-57.6322, -88.4902

■ 217.2490, 5.7932,
8.5516

■ 128.3530,
-63.2780, -97.6566

■ 225.6230, 12.0179,
18.7476

■ 228.5850, 13.0226,
23.1660

Harmonies

Analogous

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



183.9260, -44.8265, 4.4499



176.5750, -25.9195, -39.9693



155.9680, 7.9038, -108.7199

Triad

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



176.5750, -25.9195, -39.9693



160.5010, 46.5880, -103.0484



183.2360, -10.9623, 62.9370

Complementary

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



176.5750, -25.9195, -39.9693



157.4250, 25.9195, 39.9693

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.



188.9360, 10.8776, 57.9381



176.5750, -25.9195, -39.9693



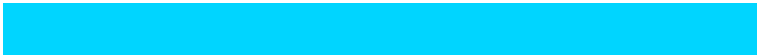
187.5980, 33.2292, -18.0644

Square

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



176.5750, -25.9195, -39.9693



154.1010, 49.7432, -135.1466



197.0760, 28.5565, 34.1363



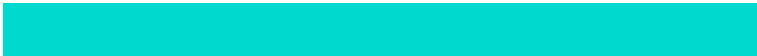
185.8510, -33.9435, 60.6437

Rectangle

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



176.5750, -25.9195, -39.9693



150.8630, 27.1825, -132.3069



197.0760, 28.5565, 34.1363



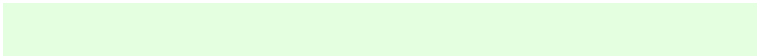
183.8860, -3.3948, 62.3670

Sweetspot

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



176.5750, -25.9195, -39.9693



243.0940, -9.4133, -14.1144



196.0870, -35.5389, 12.2017



120.8650, -5.3564, -8.6516



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.



176.5750, -25.9195, -39.9693



206.3650, -37.6479, -58.2021



178.5860, -9.1629, -47.8719



100.7560, -3.3307, -5.0480



102.8020, -50.6814, -77.8794



24.9640, -12.3073, -19.2624

Inverse Universe

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



157.4250, 25.9195, 39.9693



178.6350, 37.6479, 58.2021



155.4140, 9.1629, 47.8719



98.2440, 3.3307, 5.0480



65.4970, 50.5340, 78.4941



15.7370, 12.4547, 18.6477

Previews

White Background



This preview shows how the YUV color 176.5750, -25.9195, -39.9693 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 176.5750, -25.9195, -39.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

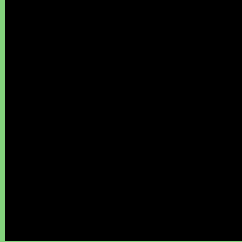
Any Text WCAG AA ✓ Pass

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 176.5750, -25.9195, -39.9693 Background



This preview shows how black text looks on a background with the YUV color 176.5750, -25.9195, -39.9693.



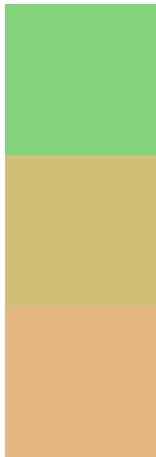
This preview shows how white text looks on a background with the YUV color 176.5750, -25.9195, -39.9693.

-39.9693.

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

176.5750, -25.9195, -39.9693

Protanopia

187.5330, -35.2658, 17.9496

Deuteranopia

189.8260, -29.4942, 33.4786



Tritanopia

185.5750, 14.5065, -32.9533

Trichromacy



Original Color

176.5750, -25.9195, -39.9693

Protanomaly

183.6120, -31.8537, -3.1677

Deuteranomaly

185.0030, -28.1025, 7.0134

Tritanomaly

182.3670, -0.1809, -35.4019

Monochromacy



Original Color

176.5750, -25.9195, -39.9693

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7950, -9.2659, -14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5750, -25.9195, -39.9693 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, 210, 124)` looks like.

```
.text, #text, p{  
    color:rgb(131, 210, 124)  
}
```

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, 210, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 210, 124) }
```

Border

The CSS property to change the border of an element to YUV 176.5750, -25.9195, -39.9693 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, 210, 124) }
```


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

```
.border{ border-color:rgb(131, 210, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 210, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 210, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 210, 124);  
box-shadow:4px 4px 4px 4px rgb(131, 210,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 176.5750, -25.9195, -39.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 210, 124) }
```

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

```
.background{ background-color: rgb(131,  
210, 124) }
```

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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