

Converting Colors

YUV(179.2790, -16.8995,
-39.7097)

Have a look what the booklet for
YUV(179.2790, -16.8995, -39.7097)
contains.

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Color

**YUV(179.2790, -16.8995,
-39.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	86D191
RGB	134, 209, 145
RGB Percent	53%, 82%, 57%
CMY	0.4745, 0.1804, 0.4314
CMYK	0.36, 0.00, 0.31, 0.18
HSL	129°, 45%, 67%
HSV	129°, 36%, 82%
XYZ	37.7428, 52.7136, 34.9735
YIQ	179.2790, -24.1560, -35.8040

Conversions

Conversions Part 2

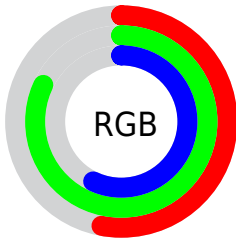
Format	Color
RYB	134, 199, 209
Decimal	8835473
CIELab	77.71, -36.39, 24.59
CIElCh	78, 43.924, 145.952
Yxy	52.7136, 0.3009, 0.4203
Android (android.graphics.Color)	4287025553 (0xFF86D191)
YUV	179.2790, -16.8995, -39.7097
Hunter-Lab	72.6041, -34.2651, 22.2628

Details

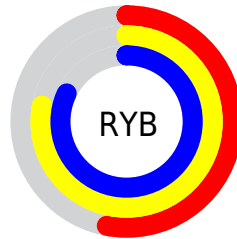
The YUV color **179.2790, -16.8995, -39.7097** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **163.7210, 16.8995, 39.7097**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8820, -14.7318, -34.9765**, and **125.0340, -15.2998, -39.4948** is the 20% darker color. If you saturate the color by 10%, you get **170.9480, -21.6664, -50.8204**, and if you desaturate by 10%, it is **187.6100, -12.1327, -28.5990**.

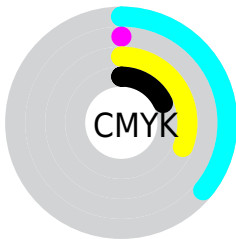
Distribution



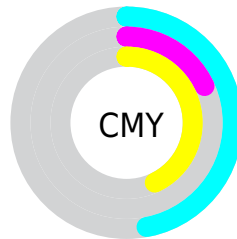
- Red (53%)
- Green (82%)
- Blue (57%)



- Red (53%)
- Yellow (78%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.2790, -16.8995, -39.7097 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 179.2790, -16.8995, -39.7097 by changing the saturation by 10% instead.

■ 179.2790,
-16.8995, -39.7097

■ 179.2790,
-16.8995, -39.7097

255.0000, 0.0000,
0.0000

■ 151.8060,
-16.1734, -39.2949

■ 228.8820,
-14.7318, -34.9765

■ 125.0340,
-15.2998, -39.4948

■ 240.7450, -6.7763,
-19.9474

■ 99.2620, -14.4262,
-39.6948

■ 252.6080, 1.1793,
-4.9182

■ 72.4080, -12.5261,
-42.4538

■ 48.5220, -12.0893,
-42.5538

■ 31.6980, -15.6271,
-27.7991

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 179.2790,
-16.8995, -39.7097

■ 179.2790,
-16.8995, -39.7097

■ 170.9480,
-21.6664, -50.8204

■ 187.6100,
-12.1327, -28.5990

■ 162.6170,
-26.4332, -61.9311

■ 195.9410, -7.3659,
-17.4883

■ 154.2860,
-31.2000, -73.0418

■ 204.2720, -2.5991,
-6.3775

■ 146.0690,
-35.5300, -84.2525

■ 212.4890, 1.7309,
4.8331

■ 138.0370,
-40.4442, -94.7484

■ 220.8200, 6.4977,
15.9439

■ 129.7060,
-45.2111, -105.8592

■ 227.6560, 12.0016,
23.9807

■ 126.2170,
-46.9420, -110.6923

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

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



185.1560, -33.6009, -2.7678



179.2790, -16.8995, -39.7097



168.5460, 8.1118, -82.0398

Triad

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



179.2790, -16.8995, -39.7097



181.1760, 36.3952, -53.6514



189.3510, -15.4560, 57.5742

Complementary

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



179.2790, -16.8995, -39.7097



163.7210, 16.8995, 39.7097

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.



192.8510, 3.0315, 54.5047



179.2790, -16.8995, -39.7097



193.2900, 30.4230, -4.6393

Square

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



179.2790, -16.8995, -39.7097



157.7440, 47.9472, -119.0475



197.4970, 19.9680, 35.5211



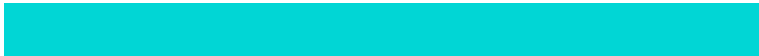
191.8610, -32.4695, 54.4959

Rectangle

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



179.2790, -16.8995, -39.7097



150.1990, 30.9609, -130.8475



197.4970, 19.9680, 35.5211



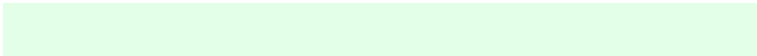
189.7730, -8.7621, 57.2041

Sweetspot

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



179.2790, -16.8995, -39.7097



243.8920, -6.3558, -14.8143



197.4600, -31.2858, 1.3506



121.2070, -4.0461, -8.9515



0.0000, 0.0000, 0.0000



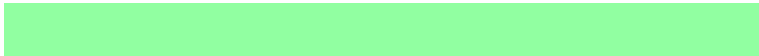
128.0000, 0.0000, 0.0000

Same Dimension

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



179.2790, -16.8995, -39.7097



211.3940, -24.8442, -58.2275



183.4970, -0.7380, -43.4089



100.6850, -2.3097, -5.8627



101.4660, -37.6977, -88.9857



24.7510, -9.2442, -21.7066

Inverse Universe

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



163.7210, 16.8995, 39.7097



188.6060, 24.8442, 58.2275



159.6170, 1.1748, 43.3089



98.3150, 2.3097, 5.8627



66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 179.2790, -16.8995, -39.7097 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 179.2790, -16.8995, -39.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

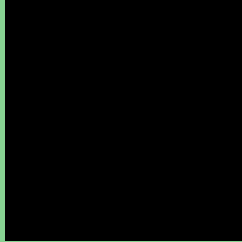
Any Text WCAG AA ✓ Pass

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 179.2790, -16.8995, -39.7097 Background



This preview shows how black text looks on a background with the YUV color 179.2790, -16.8995, -39.7097.



This preview shows how white text looks on a background with the YUV color 179.2790, -16.8995, -39.7097.

-39.7097.

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

179.2790, -16.8995, -39.7097

Protanopia

189.3290, -25.7982, 14.6205

Deuteranopia

191.3120, -19.8738, 27.7904



Tritanopia

186.2760, 14.6539, -33.5681

Trichromacy



Original Color

179.2790, -16.8995, -39.7097

Protanomaly

186.0060, -22.6810, -5.2673

Deuteranomaly

186.7990, -18.6349, 3.6843

Tritanomaly

183.5780, 3.1660, -35.5869

Monochromacy



Original Color

179.2790, -16.8995, -39.7097

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.3050, -6.0664, -14.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.2790, -16.8995, -39.7097 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(134, 209, 145)` looks like.

```
.text, #text, p{  
    color:rgb(134, 209, 145)  
}
```

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(134, 209, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 209, 145) }
```

Border

The CSS property to change the border of an element to YUV 179.2790, -16.8995, -39.7097 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(134, 209, 145) }
```


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

```
.border{ border-color:rgb(134, 209, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 209, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 209, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 209, 145);  
box-shadow:4px 4px 4px 4px rgb(134, 209,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 179.2790, -16.8995, -39.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 209, 145) }
```

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

```
.background{ background-color: rgb(134,  
209, 145) }
```

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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