

Converting Colors

YUV(166.5700, -24.9310,
-30.3179)

Have a look what the booklet for
YUV(166.5700, -24.9310, -30.3179)
contains.

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Color

**YUV(166.5700, -24.9310,
-30.3179)**

Conversions

Conversions Part 1

Format	Color
Hex	84C274
RGB	132, 194, 116
RGB Percent	52%, 76%, 45%
CMY	0.4824, 0.2392, 0.5451
CMYK	0.32, 0.00, 0.40, 0.24
HSL	108°, 39%, 61%
HSV	108°, 40%, 76%
XYZ	31.9599, 44.7501, 23.4762
YIQ	166.5700, -11.9140, -37.4020

Conversions

Conversions Part 2

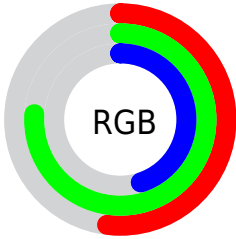
Format	Color
RYB	116, 194, 178
Decimal	8700532
CIELab	72.73, -34.75, 33.05
CIELCh	73, 47.960, 136.440
Yxy	44.7501, 0.3190, 0.4467
Android (android.graphics.Color)	4286890612 (0xFF84C274)
YUV	166.5700, -24.9310, -30.3179
Hunter-Lab	66.8955, -31.7872, 26.0197

Details

The YUV color **166.5700, -24.9310, -30.3179** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **143.4300, 24.9310, 30.3179**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.5160, -26.3834, -31.1475**, and **113.3250, -23.3312, -30.1030** is the 20% darker color. If you saturate the color by 10%, you get **159.9190, -31.0191, -37.6400**, and if you desaturate by 10%, it is **173.2210, -18.8430, -22.9958**.

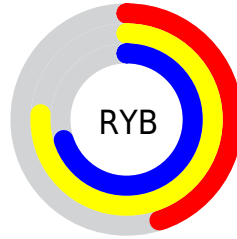
Distribution



Red (52%)

Green (76%)

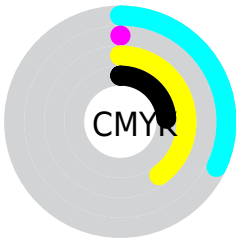
Blue (45%)



Red (45%)

Yellow (76%)

Blue (70%)

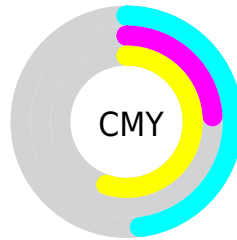


Cyan (32%)

Magenta (0%)

Yellow (40%)

Black (24%)



Cyan (48%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5700, -24.9310, -30.3179 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 166.5700, -24.9310, -30.3179 by changing the saturation by 10% instead.

■ 166.5700,
-24.9310, -30.3179

■ 166.5700,
-24.9310, -30.3179

255.0000, 0.0000,
0.0000

■ 139.7980,
-24.0574, -30.5178

■ 222.5160,
-26.3834, -31.1475

■ 113.3250,
-23.3312, -30.1030

■ 236.3140,
-19.8748, -18.6924

■ 87.5530, -22.4576,
-30.3030

■ 248.2910,
-11.4825, -3.7632

■ 61.7700, -21.5786,
-32.2473

254.8860, -0.4368,
0.1000

■ 38.1550, -18.8104,
-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 166.5700,
-24.9310, -30.3179

■ 166.5700,
-24.9310, -30.3179

■ 159.9190,
-31.0191, -37.6400

■ 173.2210,
-18.8430, -22.9958

■ 152.8550,
-37.3965, -45.4768

■ 180.2850,
-12.4655, -15.1589

■ 146.2040,
-43.4846, -52.7989

■ 186.9360, -6.3774,
-7.8369

■ 139.1400,
-49.8620, -60.6358

■ 194.0000, 0.0000,
0.0000

■ 132.4890,
-55.9501, -67.9579

■ 200.6510, 6.0881,
7.3221

■ 125.8380,
-62.0381, -75.2799

■ 207.6010, 12.0287,
15.2589

■ 214.3660, 18.5536,
22.4810

■ 219.1930, 17.6529,
31.4027

Harmonies

Analogous

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



172.9140, -39.8906, 7.9684



166.5700, -24.9310, -30.3179



154.6190, 0.6808, -78.5959

Triad

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



166.5700, -24.9310, -30.3179



155.2620, 49.1708, -91.4378



177.9700, -10.8312, 67.5553

Complementary

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



166.5700, -24.9310, -30.3179



143.4300, 24.9310, 30.3179

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.



182.6650, 8.5462, 59.0528



166.5700, -24.9310, -30.3179



176.9440, 38.4816, -22.7529

Square

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



166.5700, -24.9310, -30.3179



143.7000, 47.9689, -126.0249



183.6790, 27.2733, 25.7145



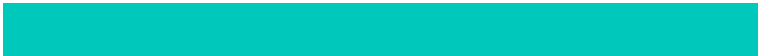
178.1980, -30.1706, 63.8474

Rectangle

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



166.5700, -24.9310, -30.3179



139.3050, 23.5136, -122.1705



183.6790, 27.2733, 25.7145



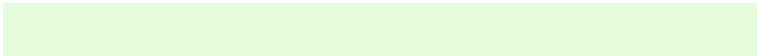
179.0930, -3.9898, 66.5704

Sweetspot

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



166.5700, -24.9310, -30.3179



241.4040, -9.5662, -11.7553



175.1290, -29.1506, 16.5499



121.4630, -5.6513, -7.4221



0.0000, 0.0000, 0.0000



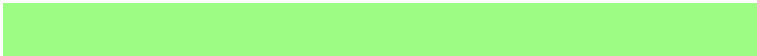
128.0000, 0.0000, 0.0000

Same Dimension

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



166.5700, -24.9310, -30.3179



209.5020, -38.7015, -46.9213



164.2940, -12.9629, -42.3538



93.4680, -3.1887, -3.9184



104.3740, -51.4564, -62.5950



21.4640, -10.5818, -12.6849

Inverse Universe

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



143.4300, 24.9310, 30.3179



173.7970, 38.5541, 47.5360



145.7060, 12.9629, 42.3538



90.5320, 3.1887, 3.9184



56.6260, 51.4564, 62.5950



11.5360, 10.5818, 12.6849

Previews

White Background



This preview shows how the YUV color 166.5700, -24.9310, -30.3179 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 166.5700, -24.9310, -30.3179 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 166.5700, -24.9310, -30.3179 Background



This preview shows how black text looks on a background with the YUV color 166.5700, -24.9310, -30.3179.



This preview shows how white text looks on a background with the YUV color 166.5700, -24.9310, -30.3179.

-30.3179.

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

166.5700, -24.9310, -30.3179

Protanopia

175.0320, -32.0608, 16.6349

Deuteranopia

176.9720, -27.5942, 30.7196



Tritanopia

174.3480, 12.1534, -24.8612

Trichromacy



Original Color

166.5700, -24.9310, -30.3179

Protanomaly

171.9050, -29.5332, -0.7937

Deuteranomaly

173.3560, -26.7975, 8.4578

Tritanomaly

171.7810, -1.3710, -26.9949

Monochromacy



Original Color

166.5700, -24.9310, -30.3179

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8170, -9.2768, -11.2405

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5700, -24.9310, -30.3179 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(132, 194, 116)` looks like.

```
.text, #text, p{  
    color:rgb(132, 194, 116)  
}
```

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(132, 194, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 194, 116) }
```

Border

The CSS property to change the border of an element to YUV 166.5700, -24.9310, -30.3179 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(132, 194, 116) }
```


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

```
.border{ border-color:rgb(132, 194, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 194, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 194, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 194, 116);  
box-shadow:4px 4px 4px 4px rgb(132, 194,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 166.5700, -24.9310, -30.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 194, 116) }
```

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

```
.background{ background-color: rgb(132,  
194, 116) }
```

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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