

Converting Colors

YUV(173.6610, -19.5529,
-28.6437)

Have a look what the booklet for
YUV(173.6610, -19.5529, -28.6437)
contains.

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Color

**YUV(173.6610, -19.5529,
-28.6437)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC686
RGB	141, 198, 134
RGB Percent	55%, 78%, 53%
CMY	0.4471, 0.2235, 0.4745
CMYK	0.29, 0.00, 0.32, 0.22
HSL	113°, 36%, 65%
HSV	113°, 32%, 78%
XYZ	35.4817, 47.7721, 29.9051
YIQ	173.6610, -13.4280, -31.9880

Conversions

Conversions Part 2

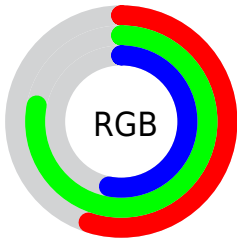
Format	Color
RYB	134, 198, 191
Decimal	9291398
CIELab	74.68, -30.85, 26.34
CIELCh	75, 40.564, 139.505
Yxy	47.7721, 0.3136, 0.4222
Android (android.graphics.Color)	4287481478 (0xFF8DC686)
YUV	173.6610, -19.5529, -28.6437
Hunter-Lab	69.1174, -29.3218, 22.7291

Details

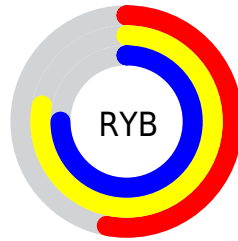
The YUV color **173.6610, -19.5529, -28.6437** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **158.3390, 19.5529, 28.6437**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7210, -20.5685, -29.5733**, and **120.7150, -18.1005, -27.8141** is the 20% darker color. If you saturate the color by 10%, you get **165.9990, -25.6355, -37.7101**, and if you desaturate by 10%, it is **181.3230, -13.4702, -19.5773**.

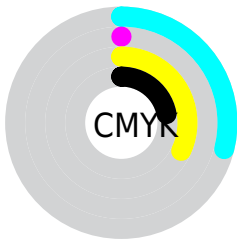
Distribution



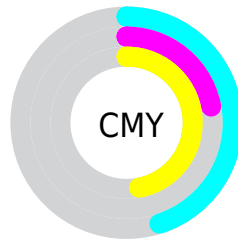
- Red (55%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (75%)



- Cyan (29%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6610, -19.5529, -28.6437 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 173.6610, -19.5529, -28.6437 by changing the saturation by 10% instead.

■ 173.6610,
-19.5529, -28.6437

■ 173.6610,
-19.5529, -28.6437

255.0000, 0.0000,
0.0000

■ 146.7750,
-19.1161, -28.7437

■ 229.7210,
-20.5685, -29.5733

■ 120.7150,
-18.1005, -27.8141

■ 241.2850,
-12.4655, -15.1589

■ 94.9430, -17.2269,
-28.0140

■ 253.4470, -4.6574,
0.4850

■ 70.1710, -16.3533,
-28.2140

■ 44.4910, -15.0321,
-32.0026

■ 27.0020, -13.3120,
-23.6808

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 173.6610,
-19.5529, -28.6437

■ 173.6610,
-19.5529, -28.6437

■ 165.9990,
-25.6355, -37.7101

■ 181.3230,
-13.4702, -19.5773

■ 158.6360,
-31.8655, -46.1618

■ 188.6860, -7.2402,
-11.1256

■ 151.0880,
-37.5114, -55.3282

■ 196.2340, -1.5944,
-1.9592

■ 143.4260,
-43.5940, -64.3946

■ 203.8960, 4.4883,
7.1072

■ 136.0630,
-49.8241, -72.8463

■ 211.2590, 10.7183,
15.5589

■ 128.4010,
-55.9067, -81.9127

■ 218.9210, 16.8009,
24.6253

■ 122.8040,
-60.5424, -88.4051

■ 221.5410, 16.4953,
29.3435

Harmonies

Analogous

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



178.7270, -32.8964, 4.6244



173.6610, -19.5529, -28.6437



165.9350, 1.5110, -64.8410

Triad

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



173.6610, -19.5529, -28.6437



172.5820, 40.6321, -59.2694



186.1710, -12.4093, 60.3630

Complementary

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



173.6610, -19.5529, -28.6437



158.3390, 19.5529, 28.6437

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.



188.2960, 4.7841, 52.3604



173.6610, -19.5529, -28.6437



184.5600, 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.



173.6610, -19.5529, -28.6437



153.9150, 41.9469, -107.7965



188.5990, 21.8897, 25.7847



184.4140, -27.8121, 54.0109

Rectangle

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



173.6610, -19.5529, -28.6437



157.8250, 18.3273, -91.9315



188.5990, 21.8897, 25.7847



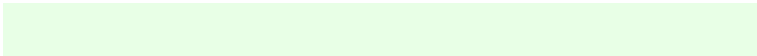
186.9520, -6.8783, 59.6781

Sweetspot

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



173.6610, -19.5529, -28.6437



245.2730, -7.5296, -11.6404



186.5950, -25.9293, 10.0022



121.9900, -4.9251, -7.0072



0.0000, 0.0000, 0.0000



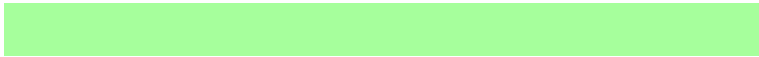
128.0000, 0.0000, 0.0000

Same Dimension

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



173.6610, -19.5529, -28.6437



217.1030, -30.1238, -44.8173



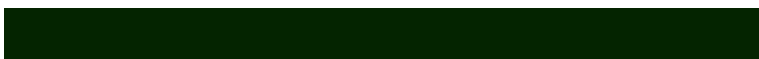
174.4180, -7.6011, -35.4466



95.5820, -2.7519, -4.0184



101.0630, -49.8241, -72.8463



22.3280, -11.0077, -16.0737

Inverse Universe

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



158.3390, 19.5529, 28.6437



193.5980, 30.2712, 44.2026



157.5820, 7.6011, 35.4466



93.4180, 2.7519, 4.0184



61.9370, 49.8241, 72.8463



13.6720, 11.0077, 16.0737

Previews

White Background



This preview shows how the YUV color 173.6610, -19.5529, -28.6437 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 173.6610, -19.5529, -28.6437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

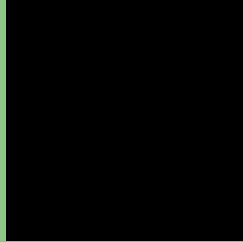
Any Text WCAG AA ✓ Pass

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 173.6610, -19.5529, -28.6437 Background



This preview shows how black text looks on a background with the YUV color 173.6610, -19.5529, -28.6437.



This preview shows how white text looks on a background with the YUV color 173.6610, -19.5529, -28.6437.

-28.6437.

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

173.6610, -19.5529, -28.6437

Protanopia

181.2150, -26.2350, 14.7204

Deuteranopia

183.4430, -21.9104, 27.6755



Tritanopia

179.9460, 11.8586, -23.6316

Trichromacy



Original Color

173.6610, -19.5529, -28.6437

Protanomaly

178.0990, -23.7128, -0.9638

Deuteranomaly

179.8380, -21.1191, 7.1581

Tritanomaly

177.6610, 0.6601, -25.1357

Monochromacy



Original Color

173.6610, -19.5529, -28.6437

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9850, -7.3876, -10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6610, -19.5529, -28.6437 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(141, 198, 134)` looks like.

```
.text, #text, p{  
    color:rgb(141, 198, 134)  
}
```

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(141, 198, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 198, 134) }
```

Border

The CSS property to change the border of an element to YUV 173.6610, -19.5529, -28.6437 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(141, 198, 134) }
```


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

```
.border{ border-color:rgb(141, 198, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 198, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 198, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 198, 134);  
box-shadow:4px 4px 4px 4px rgb(141, 198,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 173.6610, -19.5529, -28.6437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 198, 134) }
```

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

```
.background{ background-color: rgb(141,  
198, 134) }
```

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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