

Converting Colors

YUV(175.8530, -20.6335,
-8.6411)

Have a look what the booklet for
YUV(175.8530, -20.6335, -8.6411)
contains.

YUV(175.8530, -20.6335, -8.6411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.8530, -20.6335,
-8.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BD86
RGB	166, 189, 134
RGB Percent	65%, 74%, 53%
CMY	0.3490, 0.2588, 0.4745
CMYK	0.12, 0.00, 0.29, 0.26
HSL	85°, 29%, 63%
HSV	85°, 29%, 74%
XYZ	38.2266, 46.2234, 29.4615
YIQ	175.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

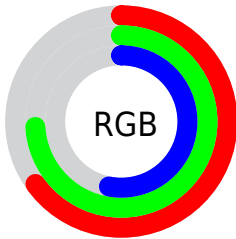
Format	Color
RYB	134, 189, 157
Decimal	10927494
CIELab	73.69, -17.52, 25.28
CIELCh	74, 30.759, 124.728
Yxy	46.2234, 0.3356, 0.4058
Android (android.graphics.Color)	4289117574 (0xFFA6BD86)
YUV	175.8530, -20.6335, -8.6411
Hunter-Lab	67.9878, -18.6159, 21.8990

Details

The YUV color **175.8530, -20.6335, -8.6411** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **147.1470, 20.6335, 8.6411**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6250, -21.5071, -8.4411**, and **123.1950, -19.3231, -8.9410** is the 20% darker color. If you saturate the color by 10%, you get **171.2950, -27.7534, -11.6597**, and if you desaturate by 10%, it is **180.4110, -13.5136, -5.6224**.

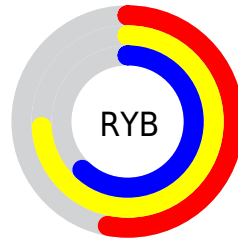
Distribution



Red (65%)

Green (74%)

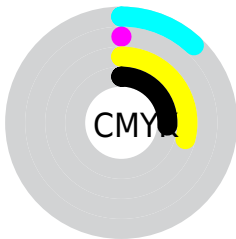
Blue (53%)



Red (53%)

Yellow (74%)

Blue (62%)

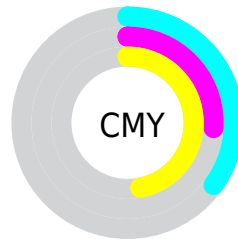


Cyan (12%)

Magenta (0%)

Yellow (29%)

Black (26%)



Cyan (35%)

Magenta (26%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8530, -20.6335, -8.6411 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 175.8530, -20.6335, -8.6411 by changing the saturation by 10% instead.

■ 175.8530,
-20.6335, -8.6411

■ 175.8530,
-20.6335, -8.6411

255.0000, 0.0000,
0.0000

■ 148.9670,
-20.1967, -8.7411

■ 231.6250,
-21.5071, -8.4411

■ 123.1950,
-19.3231, -8.9410

■ 248.9450,
-16.7349, 0.9252

■ 97.7220, -18.5969,
-8.5262

■ 253.7460, -4.8048,
1.0998

■ 73.8360, -18.1601,
-8.6262

■ 50.3630, -17.4340,
-8.2114

■ 29.7590, -14.6712,
-7.6816

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 175.8530,
-20.6335, -8.6411

■ 175.8530,
-20.6335, -8.6411

■ 171.2950,
-27.7534, -11.6597

■ 180.4110,
-13.5136, -5.6224

■ 166.7370,
-34.8733, -14.6783

■ 184.9690, -6.3937,
-2.6038

■ 162.1790,
-41.9932, -17.6970

■ 189.5270, 0.7262,
0.4148

■ 157.6210,
-49.1132, -20.7156

■ 194.0850, 7.8461,
3.4335

■ 153.0630,
-56.2331, -23.7343

■ 198.6430, 14.9660,
6.4521

■ 148.9180,
-63.0636, -26.2381

■ 202.7880, 21.7965,
8.9559

■ 144.3600,
-70.1835, -29.2567

■ 206.0920, 24.1116,
13.0743

■ 143.8330,
-70.9097, -29.6715

■ 208.4840, 22.9324,
17.9925

■ 210.8760, 21.7531,
22.9107

Harmonies

Analogous

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



179.4000, -26.8192, 15.4352



175.8530, -20.6335, -8.6411



172.0160, -7.8959, -34.2170

Triad

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



175.8530, -20.6335, -8.6411



171.3520, 29.4065, -52.0517



184.7760, -3.3406, 44.9234

Complementary

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



175.8530, -20.6335, -8.6411



147.1470, 20.6335, 8.6411

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.



185.8310, 9.9433, 30.8432



175.8530, -20.6335, -8.6411



179.0010, 28.5935, -24.5569

Square

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



175.8530, -20.6335, -8.6411



165.8420, 22.7559, -65.6364



183.9510, 21.2232, 6.1820



183.3450, -16.4391, 46.1784

Rectangle

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



175.8530, -20.6335, -8.6411



168.4900, 3.2094, -49.5417



183.9510, 21.2232, 6.1820



185.4920, 0.7434, 41.6645

Sweetspot

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



175.8530, -20.6335, -8.6411



239.8010, -8.2829, -3.3335



163.9460, -14.7634, 21.9724



119.0230, -4.9413, -1.7742



250.0000, 0.0000, 0.0000



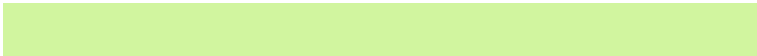
122.0000, 0.0000, 0.0000

Same Dimension

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



175.8530, -20.6335, -8.6411



224.4320, -32.2580, -13.5339



167.7800, -16.6535, -25.2401



91.7780, -3.3416, -1.5593



120.2540, -59.2852, -24.7788



23.5790, -11.6244, -4.8928

Inverse Universe

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



147.1470, 20.6335, 8.6411



179.5680, 32.2580, 13.5339



155.2200, 16.6535, 25.2401



87.2220, 3.3416, 1.5593



37.7460, 59.2852, 24.7788



7.4210, 11.6244, 4.8928

Previews

White Background



This preview shows how the YUV color 175.8530, -20.6335, -8.6411 looks on a white background.

Color Contrast Check

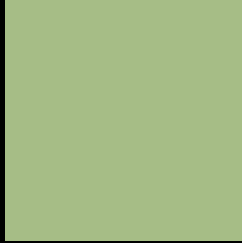
Large Text (above 18pt) WCAG AA × Fail

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 175.8530, -20.6335, -8.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

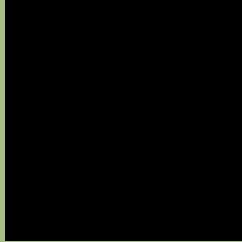
Any Text WCAG AA ✓ Pass

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 175.8530, -20.6335, -8.6411 Background



This preview shows how black text looks on a background with the YUV color 175.8530, -20.6335, -8.6411.



This preview shows how white text looks on a background with the YUV color 175.8530, -20.6335, -8.6411.

-8.6411.

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

175.8530, -20.6335, -8.6411

Protanopia

179.0730, -24.1930, 13.0910

Deuteranopia

180.8560, -21.6210, 28.1903



Tritanopia

180.8020, 6.9996, -5.0884

Trichromacy



Original Color

175.8530, -20.6335, -8.6411

Protanomaly

177.9580, -23.1503, 5.2988

Deuteranomaly

179.1810, -21.2882, 14.7503

Tritanomaly

179.1580, -3.0359, -6.2776

Monochromacy



Original Color

175.8530, -20.6335, -8.6411

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0290, -7.4093, -3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8530, -20.6335, -8.6411 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(166, 189, 134)` looks like.

```
.text, #text, p{  
    color:rgb(166, 189, 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(166, 189, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 189, 134) }
```

Border

The CSS property to change the border of an element to YUV 175.8530, -20.6335, -8.6411 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(166, 189, 134) }
```


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

```
.border{ border-color:rgb(166, 189, 134) }
```

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

Here you see how a box with a 4 pixel rgb(166, 189, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 189, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 189, 134);  
box-shadow:4px 4px 4px 4px rgb(166, 189,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 175.8530, -20.6335, -8.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 189, 134) }
```

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

```
.background{ background-color: rgb(166,  
189, 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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