

Converting Colors

YUV(171.1990, -18.8321,
-26.4845)

Have a look what the booklet for
YUV(171.1990, -18.8321, -26.4845)
contains.

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Color

**YUV(171.1990, -18.8321,
-26.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC285
RGB	141, 194, 133
RGB Percent	55%, 76%, 52%
CMY	0.4471, 0.2392, 0.4784
CMYK	0.27, 0.00, 0.31, 0.24
HSL	112°, 33%, 64%
HSV	112°, 31%, 76%
XYZ	34.5099, 45.9397, 29.2387
YIQ	171.1990, -12.0070, -30.2070

Conversions

Conversions Part 2

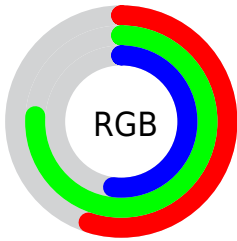
Format	Color
RYB	133, 194, 186
Decimal	9290373
CIELab	73.51, -29.10, 25.29
CIELCh	74, 38.555, 139.009
Yxy	45.9397, 0.3146, 0.4188
Android (android.graphics.Color)	4287480453 (0xFF8DC285)
YUV	171.1990, -18.8321, -26.4845
Hunter-Lab	67.7789, -27.7289, 21.8685

Details

The YUV color **171.1990, -18.8321, -26.4845** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **155.8010, 18.8321, 26.4845**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2590, -19.8477, -27.4141**, and **118.2530, -17.3797, -25.6549** is the 20% darker color. If you saturate the color by 10%, you get **163.9500, -24.6254, -35.0362**, and if you desaturate by 10%, it is **178.4480, -13.0389, -17.9329**.

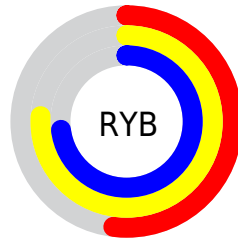
Distribution



Red (55%)

Green (76%)

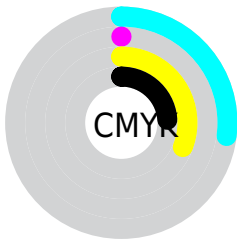
Blue (52%)



Red (52%)

Yellow (76%)

Blue (73%)

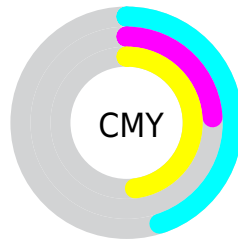


Cyan (27%)

Magenta (0%)

Yellow (31%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1990, -18.8321, -26.4845 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 171.1990, -18.8321, -26.4845 by changing the saturation by 10% instead.

■ 171.1990,
-18.8321, -26.4845

■ 171.1990,
-18.8321, -26.4845

255.0000, 0.0000,
0.0000

■ 144.6120,
-18.5427, -25.9697

■ 227.2590,
-19.8477, -27.4141

■ 118.2530,
-17.3797, -25.6549

■ 241.0570,
-13.3391, -14.9590

■ 92.7800, -16.6535,
-25.2401

■ 253.0340, -4.9468,
-0.0298

■ 68.0080, -15.7799,
-25.4400

■ 43.6270, -14.6061,
-28.6139

■ 25.2410, -12.4438,
-22.1364

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 171.1990,
-18.8321, -26.4845

■ 171.1990,
-18.8321, -26.4845

■ 163.9500,
-24.6254, -35.0362

■ 178.4480,
-13.0389, -17.9329

■ 156.5870,
-30.8554, -43.4878

■ 185.8110, -6.8088,
-9.4812

■ 149.3380,
-36.6486, -52.0394

■ 193.0600, -1.0156,
-0.9296

■ 142.2740,
-43.0261, -59.8763

■ 200.1240, 5.3619,
6.9073

■ 135.0250,
-48.8193, -68.4279

■ 207.3730, 11.1551,
15.4589

■ 127.7760,
-54.6126, -76.9796

■ 214.6220, 16.9484,
24.0105

■ 121.3530,
-59.8270, -84.5016

■ 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.



175.5960, -30.8598, 4.7393



171.1990, -18.8321, -26.4845



164.4410, 0.7686, -60.0228

Triad

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



171.1990, -18.8321, -26.4845



170.7350, 38.5846, -55.8956



183.2740, -11.9671, 58.5187

Complementary

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



171.1990, -18.8321, -26.4845



155.8010, 18.8321, 26.4845

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.



184.6870, 5.0843, 49.3865



171.1990, -18.8321, -26.4845



181.1040, 32.4867, -13.2462

Square

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



171.1990, -18.8321, -26.4845



155.9660, 37.9778, -94.6862



184.9470, 20.7321, 23.7255



181.5600, -25.9121, 51.2519

Rectangle

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



171.1990, -18.8321, -26.4845



157.8970, 15.8268, -83.2247



184.9470, 20.7321, 23.7255



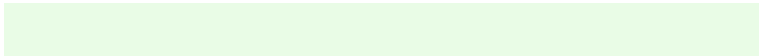
183.7560, -6.2887, 57.2190

Sweetspot

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



171.1990, -18.8321, -26.4845



243.8110, -6.8088, -9.4812



182.3500, -24.3295, 10.2171



122.4030, -4.6357, -6.4924



0.0000, 0.0000, 0.0000



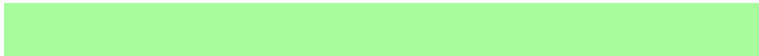
128.0000, 0.0000, 0.0000

Same Dimension

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



171.1990, -18.8321, -26.4845



216.3530, -29.2610, -41.5286



171.3150, -8.0433, -33.6023



93.1690, -3.0413, -4.5332



100.7860, -49.6875, -69.9723



20.5670, -10.1395, -14.5293

Inverse Universe

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



155.8010, 18.8321, 26.4845



192.6470, 29.2610, 41.5286



155.6850, 8.0433, 33.6023



90.8310, 3.0413, 4.5332



60.2140, 49.6875, 69.9723



12.4330, 10.1395, 14.5293

Previews

White Background



This preview shows how the YUV color 171.1990, -18.8321, -26.4845 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 171.1990, -18.8321, -26.4845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

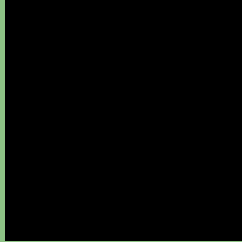
Any Text WCAG AA ✓ Pass

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 171.1990, -18.8321, -26.4845 Background



This preview shows how black text looks on a background with the YUV color 171.1990, -18.8321, -26.4845.



This preview shows how white text looks on a background with the YUV color 171.1990, -18.8321, -26.4845.

-26.4845.

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

171.1990, -18.8321, -26.4845

Protanopia

178.1440, -25.2140, 13.9057

Deuteranopia

180.3720, -20.8894, 26.8608



Tritanopia

177.1420, 11.2690, -21.1725

Trichromacy



Original Color

171.1990, -18.8321, -26.4845

Protanomaly

175.6260, -22.9866, -0.5490

Deuteranomaly

177.3650, -20.3929, 7.5729

Tritanomaly

174.9710, 0.5073, -22.7766

Monochromacy



Original Color

171.1990, -18.8321, -26.4845

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8110, -6.8088, -9.4812

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1990, -18.8321, -26.4845 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, 194, 133)` looks like.

```
.text, #text, p{  
    color:rgb(141, 194, 133)  
}
```

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, 194, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 194, 133) }
```

Border

The CSS property to change the border of an element to YUV 171.1990, -18.8321, -26.4845 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, 194, 133) }
```


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

```
.border{ border-color:rgb(141, 194, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 194, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 194, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 194, 133); box-shadow:4px 4px 4px 4px rgb(141, 194, 133) }
```

Background

The CSS property to change the background color of an element to YUV 171.1990, -18.8321, -26.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 194, 133) }
```

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

```
.background{ background-color: rgb(141,  
194, 133) }
```

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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