

Converting Colors

YUV(133.5340, -19.9833,
16.1947)

Have a look what the booklet for
YUV(133.5340, -19.9833, 16.1947)
contains.

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Color

**YUV(133.5340, -19.9833,
16.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	98845D
RGB	152, 132, 93
RGB Percent	60%, 52%, 36%
CMY	0.4039, 0.4824, 0.6353
CMYK	0.00, 0.13, 0.39, 0.40
HSL	40°, 24%, 48%
HSV	40°, 39%, 60%
XYZ	23.1759, 23.9682, 13.7608
YIQ	133.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

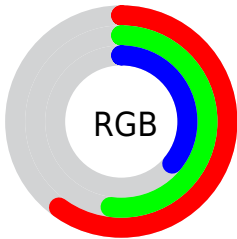
Format	Color
R_{YB}	123, 152, 93
Decimal	9995357
CIE Lab	56.06, 1.78, 23.87
CIE LCh	56, 23.934, 85.725
Yxy	23.9682, 0.3805, 0.3935
Android (android.graphics.Color)	4288185437 (0xFF98845D)
YUV	133.5340, -19.9833, 16.1947
Hunter-Lab	48.9574, -1.1752, 17.6051

Details

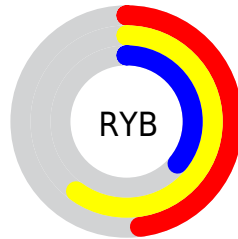
The YUV color $133.5340, -19.9833, 16.1947$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $111.4660, 19.9833, -16.1947$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.9040, -21.1517, 17.6242$, and $83.8650, -18.6674, 14.1504$ is the 20% darker color. If you saturate the color by 10%, you get $128.8890, -25.0883, 20.2683$, and if you desaturate by 10%, it is $138.1790, -14.8782, 12.1210$.

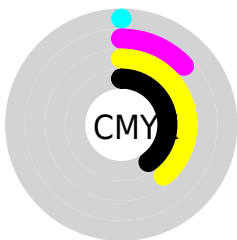
Distribution



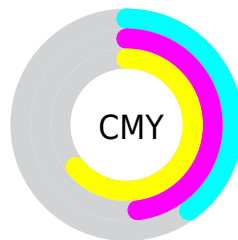
- Red (60%)
- Green (52%)
- Blue (36%)



- Red (48%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5340, -19.9833, 16.1947 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 133.5340, -19.9833, 16.1947 by changing the saturation by 10% instead.

■ 133.5340,
-19.9833, 16.1947

■ 133.5340,
-19.9833, 16.1947

■ 255.0000, 0.0000,
0.0000

■ 108.0500,
-19.2516, 14.8652

■ 186.9040,
-21.1517, 17.6242

■ 83.8650, -18.6674,
14.1504

■ 214.9750,
-22.1727, 18.4389

■ 60.4950, -17.4990,
12.7209

■ 240.2840,
-20.8460, 12.9059

■ 37.8540, -18.6620,
12.4060

■ 251.6940,
-12.6671, 2.8994

■ 18.9380, -9.3364,
7.9474

■ 0.0000, 0.0000,
0.0000

■ 133.5340,
-19.9833, 16.1947

■ 133.5340,
-19.9833, 16.1947

■ 128.8890,
-25.0883, 20.2683

■ 138.1790,
-14.8782, 12.1210

■ 124.2440,
-30.1933, 24.3420

■ 142.8240, -9.7732,
8.0474

■ 119.4850,
-35.7351, 28.5157

■ 147.5830, -4.2314,
3.8737

■ 114.2530,
-40.5507, 33.1041

■ 152.8150, 0.5842,
-0.7148

■ 109.6080,
-45.6557, 37.1778

■ 157.4600, 5.6892,
-4.7884

■ 104.9630,
-50.7608, 41.2514

■ 162.1050, 10.7942,
-8.8621

■ 104.1480,
-51.3450, 41.9662

■ 166.7500, 15.8993,
-12.9358

■ 171.5090, 21.4411,

-17.1094

■ 176.1540, 26.5461,
-21.1831

Harmonies

Analogous

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



135.1210, -16.8217, 28.8349



133.5340, -19.9833, 16.1947



131.5210, -17.0189, -1.3339

Triad

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



133.5340, -19.9833, 16.1947



123.9600, 13.8237, -47.3229



137.4550, 10.1287, 18.0180

Complementary

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



133.5340, -19.9833, 16.1947



111.4660, 19.9833, -16.1947

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.



135.6850, 17.9033, -2.3547



133.5340, -19.9833, 16.1947



126.1160, 20.6488, -43.0747

Square

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



133.5340, -19.9833, 16.1947



125.7520, 2.5873, -36.6165



131.1660, 21.6102, -24.7016



137.3120, 0.3392, 31.2984

Rectangle

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



133.5340, -19.9833, 16.1947



129.7090, -12.1815, -12.8998



131.1660, 21.6102, -24.7016



137.2200, 13.2025, 12.0851

Sweetspot

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



133.5340, -19.9833, 16.1947



188.6820, -7.7312, 6.4179



113.0350, 0.4757, 34.1723



95.1700, -4.5208, 3.3589



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



133.5340, -19.9833, 16.1947



167.3150, -31.2143, 25.1567



142.5830, -24.4444, 0.3657



74.3270, -2.6262, 2.3442



96.4510, -47.5503, 38.1925



8.5830, -4.2314, 3.8737

Inverse Universe

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



111.4660, 19.9833, -16.1947



132.6850, 31.2143, -25.1567



102.4170, 24.4444, -0.3657



71.0860, 2.9156, -1.8294



44.1360, 47.2610, -38.7073



3.8300, 4.5208, -3.3589

Previews

White Background



This preview shows how the YUV color 133.5340, -19.9833, 16.1947 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5340, -19.9833, 16.1947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

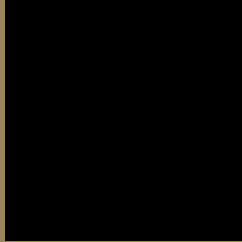
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.5340, -19.9833, 16.1947

Background



This preview shows how black text looks on a background with the YUV color 133.5340, -19.9833, 16.1947.



This preview shows how white text looks on a background with the YUV color 133.5340, -19.9833, 16.1947.

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

133.5340, -19.9833, 16.1947

Protanopia

132.7290, -19.0934, 10.7617

Deuteranopia

134.2790, -19.8575, 22.5573



Tritanopia

136.4090, -0.2016, 18.0583

Trichromacy



Original Color

133.5340, -19.9833, 16.1947

Protanomaly

133.0390, -19.2462, 13.1208

Deuteranomaly

133.9690, -19.7047, 20.1982

Tritanomaly

135.1610, -7.4744, 17.3988

Monochromacy



Original Color

133.5340, -19.9833, 16.1947

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7960, -7.2944, 6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5340, -19.9833, 16.1947 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(152, 132, 93)` looks like.

```
.text, #text, p{  
    color:rgb(152, 132, 93)  
}
```

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(152, 132, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 132, 93) }
```

Border

The CSS property to change the border of an element to YUV 133.5340, -19.9833, 16.1947 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(152, 132, 93) }
```


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

```
.border{ border-color:rgb(152, 132, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 132, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 132, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 132, 93);  
box-shadow:4px 4px 4px 4px rgb(152, 132,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 133.5340, -19.9833, 16.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 132, 93) }
```

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

```
.background{ background-color: rgb(152,  
132, 93) }
```

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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