

Converting Colors

YUV(83.4900, -19.9616, 9.2173)

Have a look what the booklet for
YUV(83.4900, -19.9616, 9.2173)
contains.

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Color

**YUV(83.4900, -19.9616,
9.2173)**

Conversions

Conversions Part 1

Format	Color
Hex	5E562B
RGB	94, 86, 43
RGB Percent	37%, 34%, 17%
CMY	0.6314, 0.6627, 0.8314
CMYK	0.00, 0.09, 0.54, 0.63
HSL	51°, 37%, 27%
HSV	51°, 54%, 37%
XYZ	8.3799, 9.2097, 3.6215
YIQ	83.4900, 18.5710, -11.6770

Conversions

Conversions Part 2

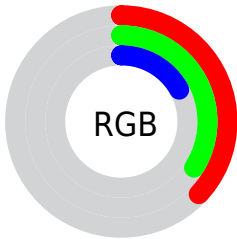
Format	Color
R_{YB}	52, 94, 43
Decimal	6182443
CIE _{Lab}	36.38, -3.26, 26.00
CIE _{LCh}	36, 26.203, 97.145
Yxy	9.2097, 0.3951, 0.4342
Android (android.graphics.Color)	4284372523 (0xFF5E562B)
YUV	83.4900, -19.9616, 9.2173
Hunter-Lab	30.3475, -3.8183, 14.1679

Details

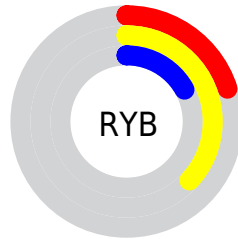
The YUV color **83.4900, -19.9616, 9.2173** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53.5100, 19.9616, -9.2173**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7460, -21.5668, 10.7468**, and **38.1200, -18.7932, 7.7878** is the 20% darker color. If you saturate the color by 10%, you get **81.8770, -23.6034, 10.6319**, and if you desaturate by 10%, it is **85.1030, -16.3198, 7.8027**.

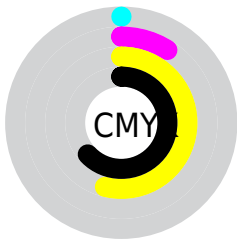
Distribution



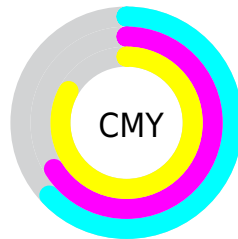
- Red (37%)
- Green (34%)
- Blue (17%)



- Red (20%)
- Yellow (37%)
- Blue (17%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4900, -19.9616, 9.2173 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 83.4900, -19.9616, 9.2173 by changing the saturation by 10% instead.

83.4900, -19.9616,
9.2173

83.4900, -19.9616,
9.2173

255.0000, 0.0000,
0.0000

60.0060, -19.2300,
7.8877

133.7460,
-21.5668, 10.7468

38.1200, -18.7932,
7.7878

159.9310,
-22.1510, 11.4615

19.2040, -9.4676,
3.3291

187.0020,
-23.1720, 12.2762

0.0000, 0.0000,
0.0000

214.3010,
-23.3194, 12.8910

242.1760,
-23.7508, 11.2466

251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 83.4900, -19.9616,
9.2173

■ 83.4900, -19.9616,
9.2173

■ 81.8770, -23.6034,
10.6319

■ 85.1030, -16.3198,
7.8027

■ 79.5630, -27.3926,
12.6612

■ 87.4170, -12.5306,
5.7733

■ 77.9500, -31.0343,
14.0759

■ 89.0300, -8.8888,
4.3587

■ 75.6360, -34.8235,
16.1052

■ 91.3440, -5.0996,
2.3293

■ 74.4790, -36.7181,
17.1199

■ 92.9570, -1.4578,
0.9147

■ 95.1570, 1.8946,
-1.0147

■ 96.8840, 5.9732,
-2.5293

■ 99.0840, 9.3256,
-4.4587

■ 100.8110, 13.4042,
-5.9732

Harmonies

Analogous

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



85.2190, -18.8420, 23.4869



83.4900, -19.9616, 9.2173



81.0470, -14.8132, -8.8112

Triad

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



83.4900, -19.9616, 9.2173



68.8920, 20.2662, -60.4183



87.9890, 6.9074, 24.5656

Complementary

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



83.4900, -19.9616, 9.2173



53.5100, 19.9616, -9.2173

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.



87.4580, 15.5502, 5.7373



83.4900, -19.9616, 9.2173



71.7280, 25.7701, -52.3815

Square

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



83.4900, -19.9616, 9.2173



67.1990, 11.2409, -58.9335



83.4980, 21.4465, -18.8537



87.4110, -3.1606, 33.8426

Rectangle

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



83.4900, -19.9616, 9.2173



78.3920, -8.0813, -21.3918



83.4980, 21.4465, -18.8537



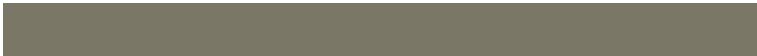
88.1670, 10.2707, 19.1475

Sweetspot

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



83.4900, -19.9616, 9.2173



118.0730, -7.4310, 3.4440



59.2750, -3.5866, 30.4538



58.5720, -4.2260, 2.1294



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



83.4900, -19.9616, 9.2173



105.9500, -31.0343, 14.0758



83.1030, -19.7708, -5.3523



44.8430, -1.8946, 1.0147



86.8940, -42.8387, 20.2640



188.2630, -92.8137, 42.7423

Inverse Universe

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



53.5100, 19.9616, -9.2173



59.0500, 31.0343, -14.0758



53.8970, 19.7708, 5.3523



42.1570, 1.8946, -1.0147



22.5190, 43.1281, -19.7492



48.7370, 92.8137, -42.7423

Previews

White Background



This preview shows how the YUV color 83.4900, -19.9616, 9.2173 looks on a white background.

Color Contrast Check

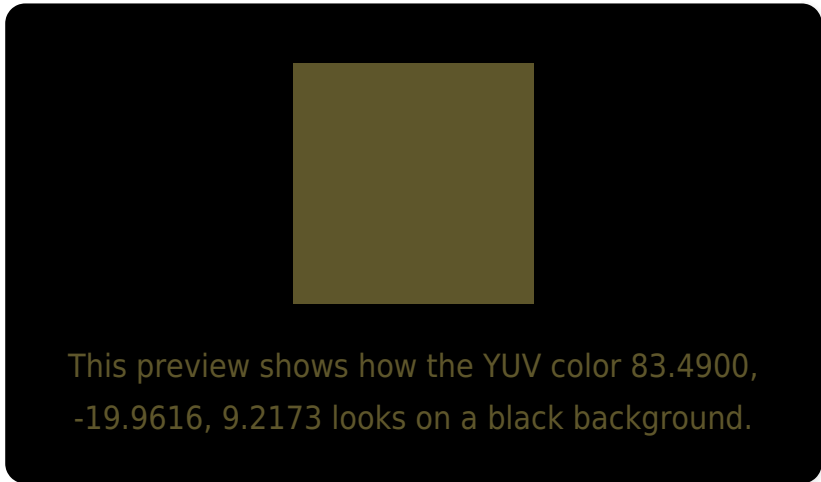
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

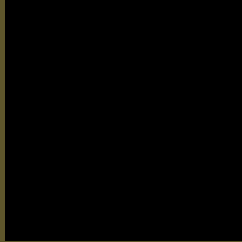
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4900, -19.9616, 9.2173

Background



This preview shows how black text looks on a background with the YUV color 83.4900, -19.9616, 9.2173.



This preview shows how white text looks on a background with the YUV color 83.4900, -19.9616,

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

83.4900, -19.9616, 9.2173

Protanopia

83.7890, -20.1090, 9.8320

Deuteranopia

84.5450, -19.9887, 17.9390



Tritanopia

86.7670, 0.1149, 9.8513

Trichromacy



Original Color

83.4900, -19.9616, 9.2173

Protanomaly

83.7890, -20.1090, 9.8320

Deuteranomaly

83.9360, -19.6884, 14.9651

Tritanomaly

85.8180, -7.3053, 9.8066

Monochromacy



Original Color

83.4900, -19.9616, 9.2173

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0730, -7.4310, 3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4900, -19.9616, 9.2173 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(94, 86, 43)` looks like.

```
.text, #text, p{  
    color:rgb(94, 86, 43)  
}
```

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(94, 86, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 86, 43) }
```

Border

The CSS property to change the border of an element to YUV 83.4900, -19.9616, 9.2173 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(94, 86, 43) }
```


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

```
.border{ border-color:rgb(94, 86, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 86, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 86, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 86, 43);  
box-shadow:4px 4px 4px 4px rgb(94, 86, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.4900, -19.9616, 9.2173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 86, 43) }
```

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

```
.background{ background-color: rgb(94, 86,  
43) }
```

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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