

Converting Colors

YUV(83.9140, -19.6776,
11.4764)

Have a look what the booklet for
YUV(83.9140, -19.6776, 11.4764)
contains.

YUV(83.9140, -19.6776, 11.4764)	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(83.9140, -19.6776,
11.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	61552C
RGB	97, 85, 44
RGB Percent	38%, 33%, 17%
CMY	0.6196, 0.6667, 0.8275
CMYK	0.00, 0.12, 0.55, 0.62
HSL	46°, 38%, 28%
HSV	46°, 55%, 38%
XYZ	8.6329, 9.2202, 3.7076
YIQ	83.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

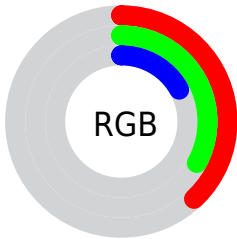
Format	Color
R_{YB}	60, 97, 44
Decimal	6378796
CIE Lab	36.40, -1.13, 25.53
CIE LCh	36, 25.554, 92.531
Yxy	9.2202, 0.4004, 0.4276
Android (android.graphics.Color)	4284568876 (0xFF61552C)
YUV	83.9140, -19.6776, 11.4764
Hunter-Lab	30.3648, -2.3900, 14.0161

Details

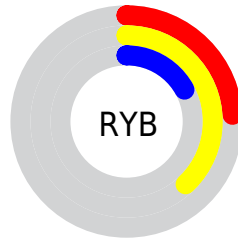
The YUV color **83.9140, -19.6776, 11.4764** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57.0860, 19.6776, -11.4764**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5830, -20.9934, 13.5207**, and **38.1310, -18.7986, 9.5321** is the 20% darker color. If you saturate the color by 10%, you get **81.6000, -23.4668, 13.5058**, and if you desaturate by 10%, it is **86.2280, -15.8884, 9.4470**.

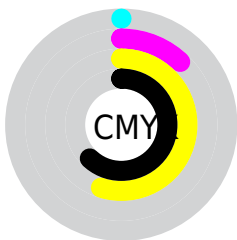
Distribution



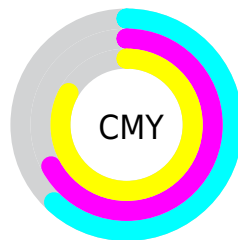
- Red (38%)
- Green (33%)
- Blue (17%)



- Red (24%)
- Yellow (38%)
- Blue (17%)



- Cyan (0%)
- Magenta (12%)
- Yellow (55%)
- Black (62%)



- Cyan (62%)
- Magenta (67%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9140, -19.6776, 11.4764 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 83.9140, -19.6776, 11.4764 by changing the saturation by 10% instead.

■ 83.9140, -19.6776,
11.4764

■ 83.9140, -19.6776,
11.4764

■ 255.0000, 0.0000,
0.0000

■ 60.4300, -18.9460,
10.1469

■ 133.5830,
-20.9934, 13.5207

■ 38.1310, -18.7986,
9.5321

■ 160.3550,
-21.8670, 13.7207

■ 19.5140, -9.6204,
5.6882

■ 187.4260,
-22.8880, 14.5354

■ 0.0000, 0.0000,
0.0000

■ 215.0240,
-23.1828, 15.7650

■ 241.7030,
-23.0246, 11.6615

■ 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 83.9140, -19.6776,
11.4764

■ 83.9140, -19.6776,
11.4764

■ 81.6000, -23.4668,
13.5058

■ 86.2280, -15.8884,
9.4470

■ 79.4000, -26.8192,
15.4352

■ 88.4280, -12.5360,
7.5176

■ 76.4990, -30.3190,
17.9794

■ 91.3290, -9.0362,
4.9735

■ 74.1850, -34.1082,
20.0088

■ 93.6430, -5.2470,
2.9441

■ 73.0280, -36.0028,
21.0234

■ 95.9570, -1.4578,
0.9147

■ 98.1570, 1.8946,
-1.0147

■ 100.4710, 5.6838,
-3.0441

■ 103.3720, 9.1836,
-5.5882

■ 105.5720, 12.5360,
-7.5176

Harmonies

Analogous

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



85.5720, -17.5370, 24.9314



83.9140, -19.6776, 11.4764



81.8410, -15.6976, -5.1226

Triad

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



83.9140, -19.6776, 11.4764



68.5500, 18.9559, -60.1183



88.6080, 8.0813, 21.3918

Complementary

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



83.9140, -19.6776, 11.4764



57.0860, 19.6776, -11.4764

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.



87.5500, 15.9979, 2.1487



83.9140, -19.6776, 11.4764



70.5920, 25.3441, -55.7702

Square

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



83.9140, -19.6776, 11.4764



70.4560, 8.1562, -49.5119



82.4760, 21.4573, -22.3425



87.2690, -1.1186, 32.2131

Rectangle

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



83.9140, -19.6776, 11.4764



79.6590, -9.6919, -18.1179



82.4760, 21.4573, -22.3425



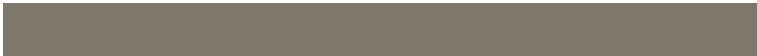
88.3730, 11.1551, 15.4589

Sweetspot

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



83.9140, -19.6776, 11.4764



119.7850, -7.2890, 4.5736



61.2150, -2.5710, 31.3834



60.8710, -4.3734, 2.7441



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



83.9140, -19.6776, 11.4764



104.3850, -30.7558, 18.0794



86.7720, -21.0866, -3.3080



46.9570, -1.4578, 0.9147



84.5570, -41.6866, 24.0675



180.3550, -88.9150, 52.3087

Inverse Universe

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



57.0860, 19.6776, -11.4764



62.6150, 30.7558, -18.0794



54.2280, 21.0866, 3.3080



45.0430, 1.4578, -0.9147



27.4430, 41.6866, -24.0675



59.0580, 89.2044, -51.7939

Previews

White Background



This preview shows how the YUV color 83.9140, -19.6776, 11.4764 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



This preview shows how the YUV color 83.9140, -19.6776, 11.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

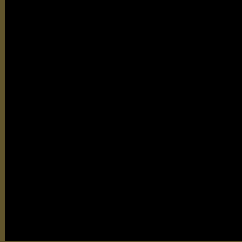
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9140, -19.6776, 11.4764

Background



This preview shows how black text looks on a background with the YUV color 83.9140, -19.6776, 11.4764.

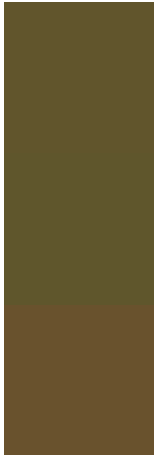


This preview shows how white text looks on a background with the YUV color 83.9140, -19.6776,

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

83.9140, -19.6776, 11.4764

Protanopia

83.9030, -19.6722, 9.7321

Deuteranopia

84.6590, -19.5519, 17.8391



Tritanopia

86.9630, -0.4748, 12.3104

Trichromacy



Original Color

83.9140, -19.6776, 11.4764

Protanomaly

84.2020, -19.8196, 10.3468

Deuteranomaly

84.3490, -19.3991, 15.4799

Tritanomaly

86.1280, -7.4581, 12.1657

Monochromacy



Original Color

83.9140, -19.6776, 11.4764

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9140, -19.6776, 11.4764 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(97, 85, 44)` looks like.

```
.text, #text, p{  
    color:rgb(97, 85, 44)  
}
```

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(97, 85, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 85, 44) }
```

Border

The CSS property to change the border of an element to YUV 83.9140, -19.6776, 11.4764 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(97, 85, 44) }
```


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

```
.border{ border-color:rgb(97, 85, 44) }
```

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

Here you see how a box with a 4 pixel rgb(97, 85, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 85, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 85, 44);  
box-shadow:4px 4px 4px 4px rgb(97, 85, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.9140, -19.6776, 11.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 85, 44) }
```

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

```
.background{ background-color: rgb(97, 85,  
44) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor