

Converting Colors

YUV(133.6440, -10.1775,
-2.3188)

Have a look what the booklet for
YUV(133.6440, -10.1775, -2.3188)
contains.

YUV(133.6440, -10.1775, -2.3188)	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(133.6440, -10.1775,
-2.3188)**

Conversions

Conversions Part 1

Format	Color
Hex	838B71
RGB	131, 139, 113
RGB Percent	51%, 55%, 44%
CMY	0.4863, 0.4549, 0.5569
CMYK	0.06, 0.00, 0.19, 0.45
HSL	78°, 10%, 49%
HSV	78°, 19%, 55%
XYZ	21.5733, 24.4828, 19.2114
YIQ	133.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

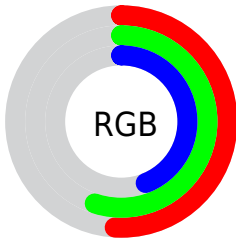
Format	Color
RYB	113, 139, 121
Decimal	8620913
CIELab	56.57, -7.80, 12.94
CIELCh	57, 15.109, 121.062
Yxy	24.4828, 0.3305, 0.3751
Android (android.graphics.Color)	4286810993 (0xFF838B71)
YUV	133.6440, -10.1775, -2.3188
Hunter-Lab	49.4801, -8.7641, 11.6158

Details

The YUV color $133.6440, -10.1775, -2.3188$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $118.3560, 10.1775, 2.3188$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.5300, -10.6143, -2.2188$, and $83.8720, -9.3039, -2.5187$ is the 20% darker color. If you saturate the color by 10%, you get $130.8520, -15.7030, -3.3782$, and if you desaturate by 10%, it is $136.4360, -4.6519, -1.2594$.

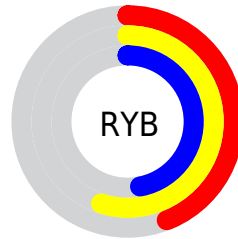
Distribution



Red (51%)

Green (55%)

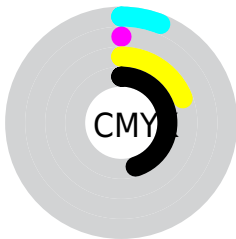
Blue (44%)



Red (44%)

Yellow (55%)

Blue (47%)

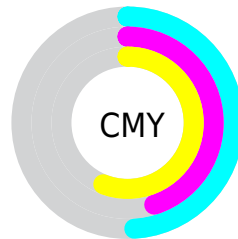


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6440, -10.1775, -2.3188 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 133.6440, -10.1775, -2.3188 by changing the saturation by 10% instead.

■ 133.6440,
-10.1775, -2.3188

■ 133.6440,
-10.1775, -2.3188

■ 255.0000, 0.0000,
0.0000

■ 108.6440,
-10.1775, -2.3188

■ 186.5300,
-10.6143, -2.2188

■ 83.8720, -9.3039,
-2.5187

■ 214.4160,
-11.0511, -2.1188

■ 60.9860, -8.8671,
-2.6187

■ 243.0030,
-11.3405, -2.6336

■ 39.1000, -8.4303,
-2.7187

■ 254.2020, -3.0576,
0.6998

■ 18.2850, -9.0145,
-2.0039

■ 0.0000, 0.0000,
0.0000

■ 133.6440,
-10.1775, -2.3188

■ 133.6440,
-10.1775, -2.3188

■ 130.8520,
-15.7030, -3.3782

■ 136.4360, -4.6519,
-1.2594

■ 127.7610,
-21.0812, -5.0524

■ 139.5270, 0.7262,
0.4148

■ 124.9690,
-26.6067, -6.1118

■ 142.3190, 6.2517,
1.4742

■ 122.1770,
-32.1323, -7.1712

■ 145.1110, 11.7773,
2.5337

■ 119.3850,
-37.6578, -8.2306

■ 147.9030, 17.3028,
3.5931

■ 116.4080,
-42.5991, -10.0048

■ 150.8800, 22.2442,
5.3672

■ 113.6160,
-48.1247, -11.0642

■ 153.6720, 27.7697,
6.4267

■ 110.8240,

■ 156.4640, 33.2952,

-53.6502, -12.1236

7.4861

■ 110.2970,
-54.3764, -12.5385

■ 159.2560, 38.8208,
8.5455

Harmonies

Analogous

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



135.4390, -12.5414, 9.2620



133.6440, -10.1775, -2.3188



132.0600, -4.4666, -14.0846

Triad

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



133.6440, -10.1775, -2.3188



132.1850, 12.7268, -22.0872



138.4910, -1.2281, 20.6174

Complementary

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



133.6440, -10.1775, -2.3188



118.3560, 10.1775, 2.3188

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.



137.8690, 5.4876, 13.2699



133.6440, -10.1775, -2.3188



135.0660, 13.2785, -12.3359

Square

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



133.6440, -10.1775, -2.3188



130.8270, 8.9593, -27.0353



137.0570, 10.3249, 1.7040



137.3080, -7.0538, 22.5319

Rectangle

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



133.6440, -10.1775, -2.3188



131.1670, -0.0823, -20.3175



137.0570, 10.3249, 1.7040



138.3490, 0.8139, 18.9879

Sweetspot

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



133.6440, -10.1775, -2.3188



178.8490, -4.3626, -0.7446



125.4700, -6.1477, 11.8658



90.6040, -2.7628, -0.5297



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



133.6440, -10.1775, -2.3188



172.8520, -15.7030, -3.3782



129.7570, -8.2612, -10.3109



67.6040, -2.7628, -0.5297



105.5790, -52.0504, -11.9088



4.1310, -2.0366, -0.1149

Inverse Universe

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



118.3560, 10.1775, 2.3188



149.1480, 15.7030, 3.3782



122.2430, 8.2612, 10.3109



63.3960, 2.7628, 0.5297



27.4210, 52.0504, 11.9088



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 133.6440, -10.1775, -2.3188 looks on a white background.

Color Contrast Check

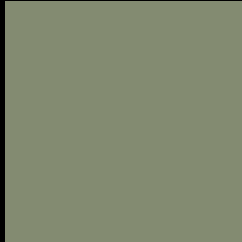
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6440, -10.1775, -2.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

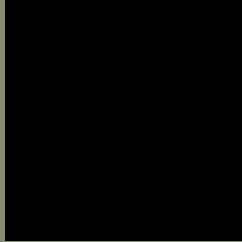
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.6440, -10.1775, -2.3188

Background



This preview shows how black text looks on a background with the YUV color 133.6440, -10.1775, -2.3188.



This preview shows how white text looks on a background with the YUV color 133.6440, -10.1775, -2.3188.

-2.3188.

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

133.6440, -10.1775, -2.3188

Protanopia

134.6560, -11.6624, 7.3177

Deuteranopia

136.0640, -10.3846, 17.4839



Tritanopia

136.4390, 4.2206, -0.3850

Trichromacy



Original Color

133.6440, -10.1775, -2.3188

Protanomaly

134.1610, -10.9254, 4.2438

Deuteranomaly

135.0200, -10.3629, 10.5065

Tritanomaly

135.0600, -1.0156, -0.9296

Monochromacy



Original Color

133.6440, -10.1775, -2.3188

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6440, -10.1775, -2.3188 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(131, 139, 113)` looks like.

```
.text, #text, p{  
    color:rgb(131, 139, 113)  
}
```

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(131, 139, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 139, 113) }
```

Border

The CSS property to change the border of an element to YUV 133.6440, -10.1775, -2.3188 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(131, 139, 113) }
```


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

```
.border{ border-color:rgb(131, 139, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 139, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 139, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 139, 113);  
box-shadow:4px 4px 4px 4px rgb(131, 139,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 133.6440, -10.1775, -2.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 139, 113) }
```

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

```
.background{ background-color: rgb(131,  
139, 113) }
```

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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