

Converting Colors

YUV(135.4770, -3.6862,
-31.1133)

Have a look what the booklet for
YUV(135.4770, -3.6862, -31.1133)
contains.

YUV(135.4770, -3.6862, -31.1133)	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(135.4770, -3.6862,
-31.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	649B80
RGB	100, 155, 128
RGB Percent	39%, 61%, 50%
CMY	0.6078, 0.3922, 0.4980
CMYK	0.35, 0.00, 0.17, 0.39
HSL	151°, 22%, 50%
HSV	151°, 35%, 61%
XYZ	20.8732, 27.7105, 24.6706
YIQ	135.4770, -24.1130, -20.0570

Conversions

Conversions Part 2

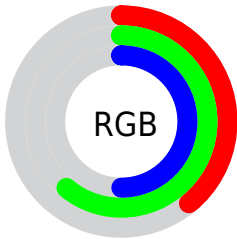
Format	Color
RYB	100, 136, 155
Decimal	6593408
CIELab	59.63, -24.31, 8.46
CIElCh	60, 25.744, 160.810
Yxy	27.7105, 0.2849, 0.3783
Android (android.graphics.Color)	4284783488 (0xFF649B80)
YUV	135.4770, -3.6862, -31.1133
Hunter-Lab	52.6408, -21.3425, 9.0617

Details

The YUV color **135.4770, -3.6862, -31.1133** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **119.5230, 3.6862, 31.1133**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6510, -4.2649, -32.1429**, and **84.4170, -2.6706, -30.1837** is the 20% darker color. If you saturate the color by 10%, you get **130.0800, -4.9694, -39.5352**, and if you desaturate by 10%, it is **141.1730, -2.5503, -22.0767**.

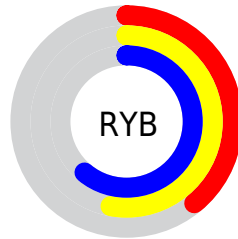
Distribution



Red (39%)

Green (61%)

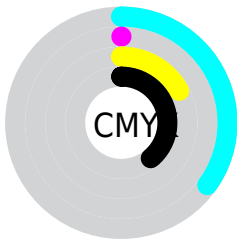
Blue (50%)



Red (39%)

Yellow (53%)

Blue (61%)

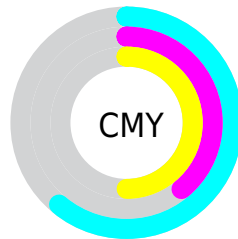


Cyan (35%)

Magenta (0%)

Yellow (17%)

Black (39%)



Cyan (61%)

Magenta (39%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4770, -3.6862, -31.1133 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 135.4770, -3.6862, -31.1133 by changing the saturation by 10% instead.

■ 135.4770, -3.6862,
-31.1133

■ 135.4770, -3.6862,
-31.1133

■ 255.0000, 0.0000,
0.0000

■ 109.8900, -3.3968,
-30.5985

■ 189.6510, -4.2649,
-32.1429

■ 84.4170, -2.6706,
-30.1837

■ 217.2380, -4.5543,
-32.6577

■ 59.9330, -1.9390,
-31.5132

■ 238.8950, -0.9342,
-27.0949

■ 36.7480, -1.3548,
-32.2280

■ 249.6180, 2.6533,
-11.0660

■ 21.4400, -4.1609,
-18.8029

■ 0.0000, 0.0000,
0.0000

■ 135.4770, -3.6862,
-31.1133

■ 135.4770, -3.6862,
-31.1133

■ 130.0800, -4.9694,
-39.5352

■ 141.1730, -2.5503,
-22.0767

■ 124.4980, -5.6685,
-48.6717

■ 146.4560, -1.7038,
-13.5549

■ 119.1010, -6.9518,
-57.0936

■ 152.1520, -0.5679,
-4.5183

■ 113.5190, -7.6509,
-66.2302

■ 157.4350, 0.2785,
4.0035

■ 108.1220, -8.9341,
-74.6520

■ 163.1310, 1.4144,
13.0401

■ 102.4260,
-10.0700, -83.6886

■ 168.5280, 2.6977,
21.4619

■ 99.9910, -10.3486,
-87.6921

■ 174.1100, 3.3968,
30.5985

■ 179.5070, 4.6800,

39.0204

■ 185.0890, 5.3791,
48.1569

Harmonies

Analogous

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



138.7370, -14.6603, -11.1703



135.4770, -3.6862, -31.1133



132.1080, 9.3138, -47.4527

Triad

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



135.4770, -3.6862, -31.1133



143.0470, 22.1618, -14.9502



145.0340, -14.8068, 35.9272

Complementary

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



135.4770, -3.6862, -31.1133



119.5230, 3.6862, 31.1133

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.



146.5640, -5.2081, 37.2164



135.4770, -3.6862, -31.1133



146.4800, 15.5394, 9.2260

Square

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



135.4770, -3.6862, -31.1133



137.3600, 23.9795, -38.0267



147.3700, 5.7336, 27.7395



143.3610, -20.8840, 25.1164

Rectangle

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



135.4770, -3.6862, -31.1133



131.4370, 17.0396, -52.1262



147.3700, 5.7336, 27.7395



145.8430, -11.7546, 36.9717

Sweetspot

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



135.4770, -3.6862, -31.1133



193.2820, -1.1250, -12.5253



140.6570, -20.0439, -11.1002



97.3150, -1.1413, -7.2923



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



135.4770, -3.6862, -31.1133



170.4980, -5.6685, -48.6717



138.5550, 8.1074, -33.8127



74.1520, -0.5679, -4.5183



90.2740, -9.5021, -79.1703



8.3150, -1.1413, -7.2923

Inverse Universe

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



119.5230, 3.6862, 31.1133



145.5020, 5.6685, 48.6717



116.4450, -8.1074, 33.8127



71.8480, 0.5679, 4.5183



49.7260, 9.5021, 79.1703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 135.4770, -3.6862, -31.1133 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 135.4770, -3.6862, -31.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

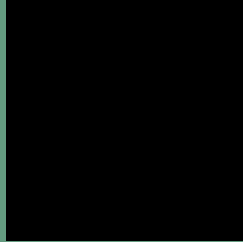
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.4770, -3.6862, -31.1133

Background



This preview shows how black text looks on a background with the YUV color 135.4770, -3.6862, -31.1133.



This preview shows how white text looks on a background with the YUV color 135.4770, -3.6862, -31.1133.

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

135.4770, -3.6862, -31.1133

Protanopia

142.6990, -10.2046, 6.4030

Deuteranopia

144.1930, -6.0111, 14.7397



Tritanopia

138.8100, 11.4327, -27.0204

Trichromacy



Original Color

135.4770, -3.6862, -31.1133

Protanomaly

139.8930, -7.8352, -6.9222

Deuteranomaly

141.0230, -4.9413, -1.7742

Tritanomaly

137.7190, 6.0545, -28.6946

Monochromacy



Original Color

135.4770, -3.6862, -31.1133

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4770, -3.6862, -31.1133 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(100, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(100, 155, 128)  
}
```

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(100, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 155, 128) }
```

Border

The CSS property to change the border of an element to YUV 135.4770, -3.6862, -31.1133 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(100, 155, 128) }
```


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

```
.border{ border-color:rgb(100, 155, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 155, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 155, 128); box-shadow:4px 4px 4px 4px rgb(100, 155, 128) }
```

Background

The CSS property to change the background color of an element to YUV 135.4770, -3.6862, -31.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 155, 128) }
```

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

```
.background{ background-color: rgb(100,  
155, 128) }
```

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