

Converting Colors

YUV(145.4770, -3.6862,
-31.1133)

Have a look what the booklet for
YUV(145.4770, -3.6862, -31.1133)
contains.

YUV(145.4770, -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(145.4770, -3.6862,
-31.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA58A
RGB	110, 165, 138
RGB Percent	43%, 65%, 54%
CMY	0.5686, 0.3529, 0.4588
CMYK	0.33, 0.00, 0.16, 0.35
HSL	151°, 23%, 54%
HSV	151°, 33%, 65%
XYZ	24.4730, 32.0602, 28.9431
YIQ	145.4770, -24.1130, -20.0570

Conversions

Conversions Part 2

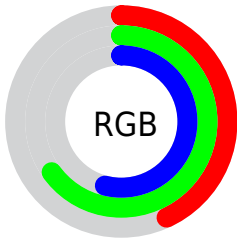
Format	Color
RYB	110, 146, 165
Decimal	7251338
CIELab	63.39, -24.12, 8.29
CIELCh	63, 25.502, 161.034
Yxy	32.0602, 0.2863, 0.3751
Android (android.graphics.Color)	4285441418 (0xFF6EA58A)
YUV	145.4770, -3.6862, -31.1133
Hunter-Lab	56.6218, -21.9370, 9.3282

Details

The YUV color **145.4770, -3.6862, -31.1133** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129.5230, 3.6862, 31.1133**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6510, -4.2649, -32.1429**, and **94.0040, -2.9600, -30.6985** is the 20% darker color. If you saturate the color by 10%, you get **139.4820, -4.6746, -40.7647**, and if you desaturate by 10%, it is **151.1730, -2.5503, -22.0767**.

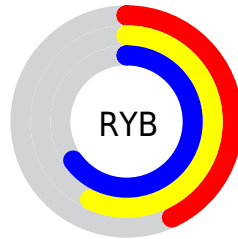
Distribution



Red (43%)

Green (65%)

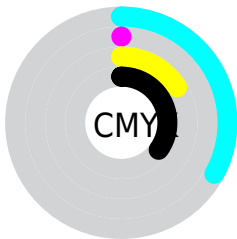
Blue (54%)



Red (43%)

Yellow (57%)

Blue (65%)

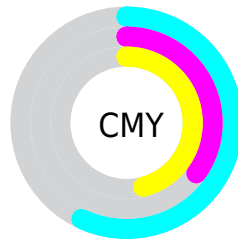


Cyan (33%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.4770, -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 145.4770, -3.6862, -31.1133 by changing the saturation by 10% instead.


 145.4770, -3.6862,
-31.1133

 145.4770, -3.6862,
-31.1133


255.0000, 0.0000,
0.0000

 119.5910, -3.2494,
-31.2133


 199.6510, -4.2649,
-32.1429

 94.0040, -2.9600,
-30.6985


 228.2380, -4.5543,
-32.6577


 69.2320, -2.0864,
-30.8985

 243.4380, 2.2491,
-21.4321

 43.9650, -0.4757,
-34.1723

 252.9070, 1.0318,
-4.3034

 27.1620, -2.5449,
-23.8211

 11.7400, -5.7878,
-10.2960

 0.0000, 0.0000,

0.0000

■ 145.4770, -3.6862,
-31.1133

■ 145.4770, -3.6862,
-31.1133

■ 139.4820, -4.6746,
-40.7647

■ 151.1730, -2.5503,
-22.0767

■ 133.7860, -5.8105,
-49.8013

■ 157.1680, -1.5618,
-12.4253

■ 128.0900, -6.9464,
-58.8379

■ 162.8640, -0.4260,
-3.3887

■ 122.0950, -7.9348,
-68.4893

■ 168.8590, 0.5625,
6.2627

■ 116.2850, -9.5075,
-77.4259

■ 174.8540, 1.5510,
15.9140

■ 110.2900,
-10.4960, -87.0773

■ 180.6640, 3.1236,
24.8507

■ 106.4310,
-11.0585, -93.3400

■ 186.6590, 4.1121,
34.5021

■ 192.3550, 5.2480,
43.5387

■ 197.1540, 6.8261,
50.7309

Harmonies

Analogous

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



148.7370, -14.6603, -11.1703



145.4770, -3.6862, -31.1133



142.4070, 9.1663, -46.8379

Triad

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



145.4770, -3.6862, -31.1133



153.3460, 22.0144, -14.3354



155.0340, -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.



145.4770, -3.6862, -31.1133



129.5230, 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.



156.5640, -5.2081, 37.2164



145.4770, -3.6862, -31.1133



156.4800, 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.



145.4770, -3.6862, -31.1133



147.6590, 23.8321, -37.4119



157.3700, 5.7336, 27.7395



153.6600, -21.0314, 25.7312

Rectangle

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



145.4770, -3.6862, -31.1133



142.0350, 16.7447, -50.8967



157.3700, 5.7336, 27.7395



155.7290, -12.1914, 37.0717

Sweetspot

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



145.4770, -3.6862, -31.1133



206.5810, -1.2724, -11.9105



150.6570, -20.0439, -11.1002



102.4290, -0.7045, -7.3922



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



145.4770, -3.6862, -31.1133



183.7970, -5.8159, -48.0570



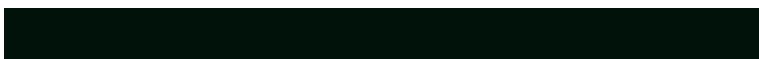
148.5550, 8.1074, -33.8127



78.8530, -0.4205, -5.1331



93.5510, -9.6386, -82.0442



11.5920, -1.2779, -10.1662

Inverse Universe

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



129.5230, 3.6862, 31.1133



159.2030, 5.8159, 48.0570



126.4450, -8.1074, 33.8127



76.1470, 0.4205, 5.1331



51.4490, 9.6386, 82.0442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 145.4770, -3.6862, -31.1133 looks on a white background.

Color Contrast Check

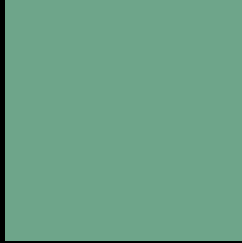
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 145.4770, -3.6862, -31.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

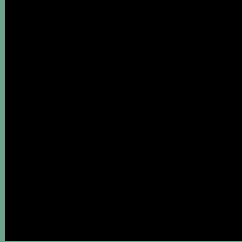
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.4770, -3.6862, -31.1133

Background



This preview shows how black text looks on a background with the YUV color 145.4770, -3.6862, -31.1133.

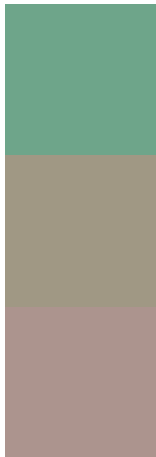


This preview shows how white text looks on a background with the YUV color 145.4770, -3.6862, -31.1133.

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

145.4770, -3.6862, -31.1133

Protanopia

152.1120, -9.9152, 6.9178

Deuteranopia

154.4920, -6.1586, 15.3545



Tritanopia

148.9240, 11.8695, -27.1203

Trichromacy



Original Color

145.4770, -3.6862, -31.1133

Protanomaly

149.8930, -7.8352, -6.9222

Deuteranomaly

151.0230, -4.9413, -1.7742

Tritanomaly

147.7190, 6.0545, -28.6946

Monochromacy



Original Color

145.4770, -3.6862, -31.1133

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4770, -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(110, 165, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 165, 138)  
}
```

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(110, 165, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 165, 138) }
```

Border

The CSS property to change the border of an element to YUV 145.4770, -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(110, 165, 138) }
```


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

```
.border{ border-color:rgb(110, 165, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 165, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 165, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 165, 138);  
box-shadow:4px 4px 4px 4px rgb(110, 165,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 145.4770, -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(110, 165, 138) }
```

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

```
.background{ background-color: rgb(110,  
165, 138) }
```

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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