

Converting Colors

YUV(139.6770, -0.3338,
-33.0427)

Have a look what the booklet for
YUV(139.6770, -0.3338, -33.0427)
contains.

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Color

**YUV(139.6770, -0.3338,
-33.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	669F8B
RGB	102, 159, 139
RGB Percent	40%, 62%, 55%
CMY	0.6000, 0.3765, 0.4549
CMYK	0.36, 0.00, 0.13, 0.38
HSL	159°, 23%, 51%
HSV	159°, 36%, 62%
XYZ	22.5378, 29.4851, 28.9294
YIQ	139.6770, -27.5520, -18.3040

Conversions

Conversions Part 2

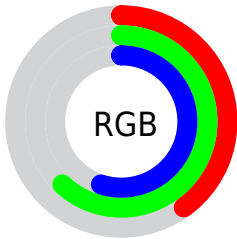
Format	Color
RYB	102, 137, 159
Decimal	6725515
CIELab	61.21, -23.31, 4.54
CIELCh	61, 23.752, 168.978
Yxy	29.4851, 0.2784, 0.3642
Android (android.graphics.Color)	4284915595 (0xFF669F8B)
YUV	139.6770, -0.3338, -33.0427
Hunter-Lab	54.3002, -20.9372, 6.4223

Details

The YUV color **139.6770, -0.3338, -33.0427** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **121.3230, 0.3338, 33.0427**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8510, -0.9125, -34.0723**, and **88.2040, 0.3924, -32.6279** is the 20% darker color. If you saturate the color by 10%, you get **134.2090, -0.5960, -42.2793**, and if you desaturate by 10%, it is **145.1450, -0.0715, -23.8062**.

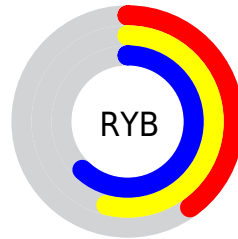
Distribution



Red (40%)

Green (62%)

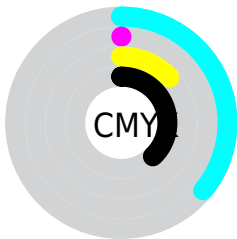
Blue (55%)



Red (40%)

Yellow (54%)

Blue (62%)

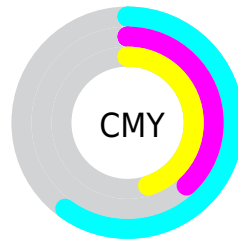


Cyan (36%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (60%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.6770, -0.3338, -33.0427 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 139.6770, -0.3338, -33.0427 by changing the saturation by 10% instead.


 139.6770, -0.3338,
-33.0427

 139.6770, -0.3338,
-33.0427

255.0000, 0.0000,
0.0000

 113.7910, 0.1030,
-33.1427

 193.8510, -0.9125,
-34.0723


 88.2040, 0.3924,
-32.6279


 221.5520, -0.7651,
-34.6871


 63.7200, 1.1240,
-33.9574

 241.1600, 3.8651,
-26.4503

 39.6490, 2.1450,
-34.7722

 250.2160, 2.3585,
-9.8364

 24.3410, -0.6611,
-21.3471

 4.6960, -2.3151,
-4.1184

 0.0000, 0.0000,

0.0000

■ 139.6770, -0.3338,
-33.0427

■ 139.6770, -0.3338,
-33.0427

■ 134.2090, -0.5960,
-42.2793

■ 145.1450, -0.0715,
-23.8062

■ 128.8550, -0.4215,
-51.6158

■ 150.4990, -0.2460,
-14.4696

■ 123.3870, -0.6838,
-60.8524

■ 155.9670, 0.0163,
-5.2331

■ 118.0330, -0.5093,
-70.1889

■ 161.3210, -0.1583,
4.1035

■ 112.5650, -0.7715,
-79.4255

■ 166.7890, 0.1040,
13.3400

■ 107.5100, -0.7444,
-88.1473

■ 171.8440, 0.0769,
22.0618

■ 105.0750, -1.0230,
-92.1508

■ 177.3120, 0.3392,
31.2984

■ 182.7800, 0.6015,
40.5349

■ 188.1340, 0.4269,
49.8715

Harmonies

Analogous

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



142.6270, -11.1551, -15.4589



139.6770, -0.3338, -33.0427



137.4010, 11.6343, -45.0787

Triad

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



139.6770, -0.3338, -33.0427



148.2930, 19.0826, -7.2730



149.0720, -15.8115, 31.5089

Complementary

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



139.6770, -0.3338, -33.0427



121.3230, 0.3338, 33.0427

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.



150.2710, -7.5286, 34.8423



139.6770, -0.3338, -33.0427



150.8890, 11.8867, 14.1293

Square

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



139.6770, -0.3338, -33.0427



143.8450, 21.7684, -28.8051



151.1700, 2.3812, 29.6689



147.5560, -19.9941, 19.6834

Rectangle

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



139.6770, -0.3338, -33.0427



137.8830, 17.3127, -46.3784



151.1700, 2.3812, 29.6689



149.3650, -13.4909, 33.8829

Sweetspot

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



139.6770, -0.3338, -33.0427



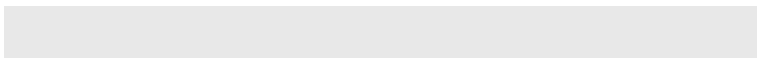
199.2110, -0.1040, -13.3400



141.7380, -19.5908, -16.4332



100.2440, -0.1203, -8.1070



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



139.6770, -0.3338, -33.0427



176.7410, -0.8583, -51.5159



137.2610, 10.7173, -30.9239



76.2660, -0.1311, -4.6183



94.5430, -0.7607, -82.9142



9.9450, 0.0271, -8.7218

Inverse Universe

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



121.3230, 0.3338, 33.0427



148.1450, 0.4215, 51.6158



123.7390, -10.7173, 30.9239



73.7340, 0.1311, 4.6183



48.4570, 0.7607, 82.9142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 139.6770, -0.3338, -33.0427 looks on a white background.

Color Contrast Check

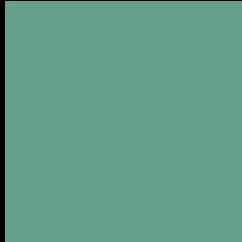
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.6770, -0.3338, -33.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

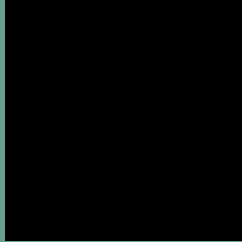
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.6770, -0.3338, -33.0427

Background



This preview shows how black text looks on a background with the YUV color 139.6770, -0.3338, -33.0427.



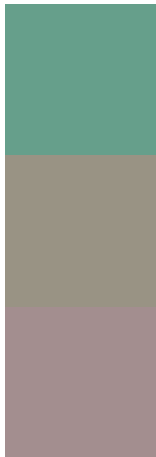
This preview shows how white text looks on a background with the YUV color 139.6770, -0.3338, -33.0427.

-33.0427.

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

139.6770, -0.3338, -33.0427

Protanopia

147.0840, -7.4364, 5.1883

Deuteranopia

148.3930, -2.6587, 12.8103



Tritanopia

142.6140, 12.0223, -29.4795

Trichromacy



Original Color

139.6770, -0.3338, -33.0427

Protanomaly

144.0930, -4.4828, -8.8516

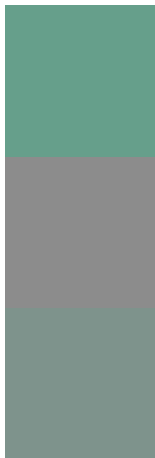
Deuteranomaly

145.2230, -1.5889, -3.7036

Tritanomaly

141.1640, 7.8071, -30.8388

Monochromacy



Original Color

139.6770, -0.3338, -33.0427

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9230, 0.0380, -12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6770, -0.3338, -33.0427 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(102, 159, 139)` looks like.

```
.text, #text, p{  
    color:rgb(102, 159, 139)  
}
```

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(102, 159, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 159, 139) }
```

Border

The CSS property to change the border of an element to YUV 139.6770, -0.3338, -33.0427 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(102, 159, 139) }
```


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

```
.border{ border-color:rgb(102, 159, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 159, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 159, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 159, 139);  
box-shadow:4px 4px 4px 4px rgb(102, 159,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 139.6770, -0.3338, -33.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 159, 139) }
```

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

```
.background{ background-color: rgb(102,  
159, 139) }
```

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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