

Converting Colors

YUV(137.8000, 6.5076,
-34.0276)

Have a look what the booklet for
YUV(137.8000, 6.5076, -34.0276)
contains.

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Color

**YUV(137.8000, 6.5076,
-34.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	639B97
RGB	99, 155, 151
RGB Percent	39%, 61%, 59%
CMY	0.6118, 0.3922, 0.4078
CMYK	0.36, 0.00, 0.03, 0.39
HSL	176°, 22%, 50%
HSV	176°, 36%, 61%
XYZ	22.4528, 28.3297, 33.5629
YIQ	137.8000, -32.0920, -13.1160

Conversions

Conversions Part 2

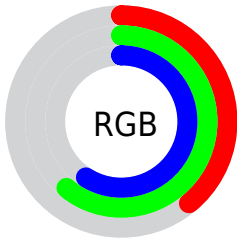
Format	Color
RYB	99, 128, 155
Decimal	6527895
CIELab	60.19, -19.30, -3.75
CIElCh	60, 19.659, 190.992
Yxy	28.3297, 0.2662, 0.3359
Android (android.graphics.Color)	4284717975 (0xFF639B97)
YUV	137.8000, 6.5076, -34.0276
Hunter-Lab	53.2257, -17.8460, -0.1290

Details

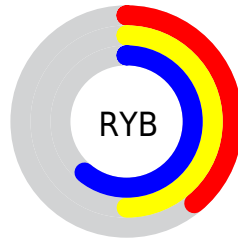
The YUV color **137.8000, 6.5076, -34.0276** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **116.2000, -6.5076, 34.0276**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0880, 6.3656, -35.1572**, and **86.8000, 6.5076, -34.0276** is the 20% darker color. If you saturate the color by 10%, you get **133.2010, 8.2819, -43.1493**, and if you desaturate by 10%, it is **142.6980, 4.5859, -24.2911**.

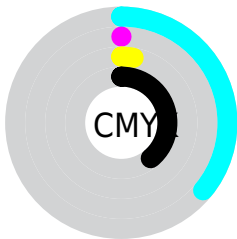
Distribution



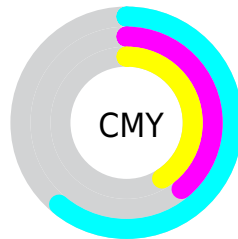
- Red (39%)
- Green (61%)
- Blue (59%)



- Red (39%)
- Yellow (50%)
- Blue (61%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (61%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8000, 6.5076, -34.0276 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 137.8000, 6.5076, -34.0276 by changing the saturation by 10% instead.

■ 137.8000, 6.5076,
-34.0276

■ 137.8000, 6.5076,
-34.0276

■ 255.0000, 0.0000,
0.0000

■ 111.8000, 6.5076,
-34.0276

■ 192.0880, 6.3656,
-35.1572

■ 86.8000, 6.5076,
-34.0276

■ 220.0880, 6.3656,
-35.1572

■ 61.0170, 7.3866,
-35.9719

■ 240.9470, 6.9281,
-28.8945

■ 39.0280, 7.3812,
-34.2276

■ 249.6180, 2.6533,
-11.0660

■ 24.1930, 3.8489,
-21.2173

■ 2.3140, 3.7892,
-2.0294

■ 0.0000, 0.0000,

0.0000

■ 137.8000, 6.5076,
-34.0276

■ 137.8000, 6.5076,
-34.0276

■ 133.2010, 8.2819,
-43.1493

■ 142.6980, 4.5859,
-24.2911

■ 128.3030, 10.2036,
-52.8857

■ 147.2970, 2.8116,
-15.1695

■ 123.7040, 11.9779,
-62.0074

■ 152.1950, 0.8899,
-5.4330

■ 118.8060, 13.8996,
-71.7439

■ 156.7940, -0.8844,
3.6887

■ 114.0930, 15.2372,
-80.7656

■ 161.8060, -2.3694,
13.3251

■ 109.1950, 17.1589,
-90.5020

■ 166.4050, -4.1437,
22.4468

■ 107.4010, 18.0433,
-94.1907

■ 171.3030, -6.0654,
32.1833

■ 175.9020, -7.8397,
41.3049

■ 180.8000, -9.7614,
51.0414

Harmonies

Analogous

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



139.3470, -3.1291, -23.1063



137.8000, 6.5076, -34.0276



138.4390, 14.0806, -36.3420

Triad

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



137.8000, 6.5076, -34.0276



147.7310, 11.4716, 7.2519



145.2940, -15.9209, 19.9132

Complementary

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



137.8000, 6.5076, -34.0276



116.2000, -6.5076, 34.0276

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.



146.7880, -11.7275, 28.2499



137.8000, 6.5076, -34.0276



148.2830, 4.2975, 21.6768

Square

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



137.8000, 6.5076, -34.0276



144.7010, 16.9094, -10.2618



147.7370, -4.3073, 28.2947



143.8040, -16.1724, 7.1879

Rectangle

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



137.8000, 6.5076, -34.0276



139.9820, 17.2639, -30.6792



147.7370, -4.3073, 28.2947



145.5440, -15.0582, 23.2019

Sweetspot

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



137.8000, 6.5076, -34.0276



194.3080, 2.8062, -13.4251



133.3670, -16.9429, -25.7549



97.9990, 1.4795, -7.8921



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.



137.8000, 6.5076, -34.0276



174.6020, 10.0562, -52.2710



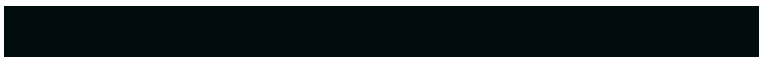
124.7550, 14.9108, -22.5871



74.4940, 0.7425, -4.8182



97.0000, 16.2690, -85.0690



8.9990, 1.4795, -7.8921

Inverse Universe

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



116.2000, -6.5076, 34.0276



141.3980, -10.0562, 52.2710



129.2450, -14.9108, 22.5871



71.3920, -1.1793, 4.9182



43.0000, -16.2690, 85.0690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 137.8000, 6.5076, -34.0276 looks on a white background.

Color Contrast Check

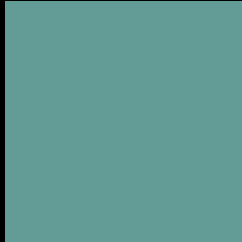
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8000, 6.5076, -34.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

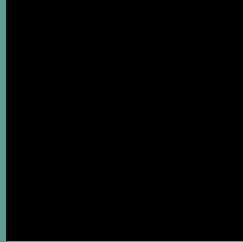
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.8000, 6.5076, -34.0276

Background



This preview shows how black text looks on a background with the YUV color 137.8000, 6.5076, -34.0276.



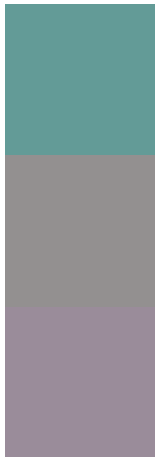
This preview shows how white text looks on a background with the YUV color 137.8000, 6.5076,

-34.0276.

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

137.8000, 6.5076, -34.0276

Protanopia

144.8970, -0.4422, 1.8443

Deuteranopia

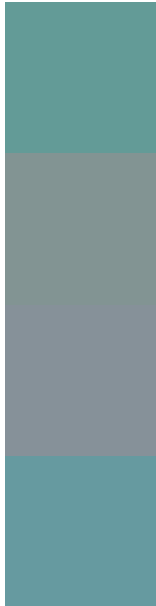
145.7820, 4.0515, 7.2072



Tritanopia

139.4180, 12.6119, -31.9386

Trichromacy



Original Color

137.8000, 6.5076, -34.0276

Protanomaly

142.5040, 2.2165, -10.9660

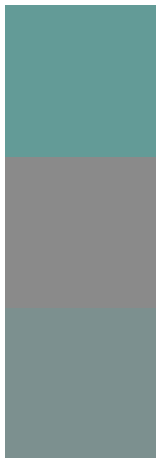
Deuteranomaly

142.6230, 5.1159, -7.5624

Tritanomaly

139.1360, 10.2860, -32.5683

Monochromacy



Original Color

137.8000, 6.5076, -34.0276

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9060, 2.5113, -12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8000, 6.5076, -34.0276 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(99, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(99, 155, 151)  
}
```

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(99, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 155, 151) }
```

Border

The CSS property to change the border of an element to YUV 137.8000, 6.5076, -34.0276 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(99, 155, 151) }
```


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

```
.border{ border-color:rgb(99, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(99, 155,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 137.8000, 6.5076, -34.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 155, 151) }
```

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

```
.background{ background-color: rgb(99, 155,  
151) }
```

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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