

Converting Colors

YUV(154.8020, 0.0976,
-31.3984)

Have a look what the booklet for
YUV(154.8020, 0.0976, -31.3984)
contains.

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Color

**YUV(154.8020, 0.0976,
-31.3984)**

Conversions

Conversions Part 1

Format	Color
Hex	77AD9B
RGB	119, 173, 155
RGB Percent	47%, 68%, 61%
CMY	0.5333, 0.3216, 0.3922
CMYK	0.31, 0.00, 0.10, 0.32
HSL	160°, 25%, 57%
HSV	160°, 31%, 68%
XYZ	28.4677, 36.1756, 36.4925
YIQ	154.8020, -26.4060, -17.0460

Conversions

Conversions Part 2

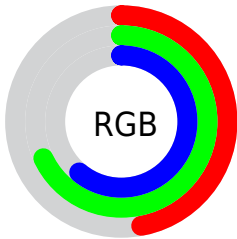
Format	Color
RYB	119, 151, 173
Decimal	7843227
CIELab	66.65, -21.73, 3.58
CIELCh	67, 22.025, 170.639
Yxy	36.1756, 0.2815, 0.3577
Android (android.graphics.Color)	4286033307 (0xFF77AD9B)
YUV	154.8020, 0.0976, -31.3984
Hunter-Lab	60.1462, -20.7702, 6.1293

Details

The YUV color $154.8020, 0.0976, -31.3984$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $137.1980, -0.0976, 31.3984$, and the grayscale version is $155.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.9760, -0.4812, -32.4280$, and $102.6280, 0.6764, -30.3688$ is the 20% darker color. If you saturate the color by 10%, you get $149.0350, -0.0173, -41.2497$, and if you desaturate by 10%, it is $160.5690, 0.2125, -21.5470$.

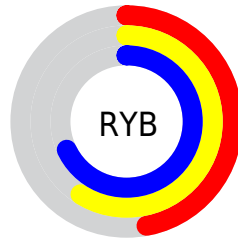
Distribution



Red (47%)

Green (68%)

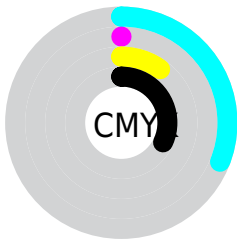
Blue (61%)



Red (47%)

Yellow (59%)

Blue (68%)

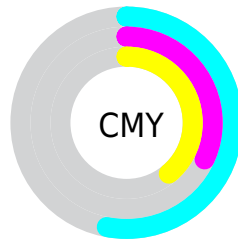


Cyan (31%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8020, 0.0976, -31.3984 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 154.8020, 0.0976, -31.3984 by changing the saturation by 10% instead.

■ 154.8020, 0.0976,
-31.3984

■ 154.8020, 0.0976,
-31.3984

■ 255.0000, 0.0000,
0.0000

■ 128.2150, 0.3870,
-30.8836

■ 209.9760, -0.4812,
-32.4280

■ 102.6280, 0.6764,
-30.3688

■ 236.9160, 0.5344,
-31.4983

■ 77.7420, 1.1132,
-30.4687

■ 247.2260, 3.8326,
-15.9842

■ 52.9590, 1.9922,
-32.4130

■ 32.8670, 1.5446,
-28.8244

■ 18.6190, -2.2772,
-16.3289

■ 0.0000, 0.0000,

0.0000

■ 154.8020, 0.0976,
-31.3984

■ 154.8020, 0.0976,
-31.3984

■ 149.0350, -0.0173,
-41.2497

■ 160.5690, 0.2125,
-21.5470

■ 142.9690, 0.0153,
-51.7158

■ 166.6350, 0.1799,
-11.0809

■ 137.3160, 0.3372,
-61.6671

■ 172.2880, -0.1420,
-1.1296

■ 131.5490, 0.2223,
-71.5185

■ 178.0550, -0.0271,
8.7218

■ 125.4830, 0.2549,
-81.9846

■ 184.1210, -0.0597,
19.1879

■ 119.7160, 0.1400,
-91.8359

■ 189.8880, 0.0552,
29.0392

■ 114.6610, 0.1671,
-100.5577

■ 195.5410, -0.2667,
38.9905

■ 200.7100, 0.1430,
47.6123

■ 201.3940, 2.7638,
47.0125

Harmonies

Analogous

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



157.2680, -9.9921, -15.1440



154.8020, 0.0976, -31.3984



153.1950, 10.7499, -41.3900

Triad

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



154.8020, 0.0976, -31.3984



162.9620, 17.7667, -5.2287



163.1750, -15.3693, 29.6645

Complementary

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



154.8020, 0.0976, -31.3984



137.1980, -0.0976, 31.3984

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.



164.5590, -7.6706, 33.7128



154.8020, 0.0976, -31.3984



165.5470, 10.5763, 14.4293

Square

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



154.8020, 0.0976, -31.3984



159.2260, 20.5946, -25.6312



165.3440, 1.8024, 28.6393



162.0720, -19.2625, 18.3539

Rectangle

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



154.8020, 0.0976, -31.3984



154.2750, 16.1334, -41.4602



165.3440, 1.8024, 28.6393



164.0550, -13.3381, 31.5238

Sweetspot

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



154.8020, 0.0976, -31.3984



217.3360, 0.3274, -11.6957



156.0800, -18.2804, -16.7332



107.9560, 0.0217, -6.9774



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



154.8020, 0.0976, -31.3984



196.1050, 0.4412, -48.3271



152.1580, 10.2751, -29.0796



83.9670, 0.0163, -5.2331



99.4500, 0.2711, -87.2177



15.2110, -0.1040, -13.3400

Inverse Universe

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



137.1980, -0.0976, 31.3984



169.0090, -0.0044, 48.2271



140.4290, -10.5645, 28.5648



81.0330, -0.0163, 5.2331



50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 154.8020, 0.0976, -31.3984 looks on a white background.

Color Contrast Check

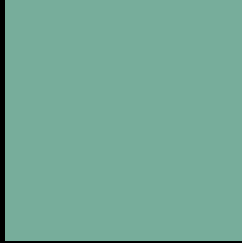
Large Text (above 18pt) WCAG AA × Fail

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 154.8020, 0.0976, -31.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

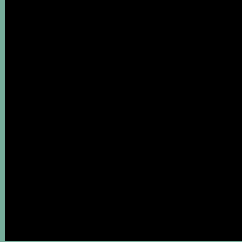
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

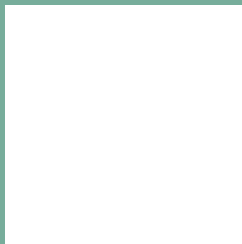
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.8020, 0.0976, -31.3984

Background



This preview shows how black text looks on a background with the YUV color 154.8020, 0.0976, -31.3984.



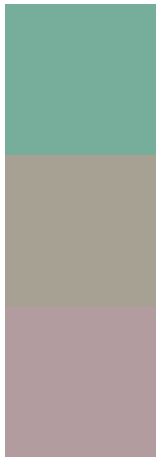
This preview shows how white text looks on a background with the YUV color 154.8020, 0.0976,

-31.3984.

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

154.8020, 0.0976, -31.3984

Protanopia

161.3120, -6.5628, 4.9884

Deuteranopia

162.9200, -1.9326, 13.2252



Tritanopia

157.4400, 12.6011, -28.4499

Trichromacy



Original Color

154.8020, 0.0976, -31.3984

Protanomaly

158.9190, -3.9041, -7.8220

Deuteranomaly

160.0490, -1.0102, -2.6740

Tritanomaly

156.2890, 8.2385, -29.1945

Monochromacy



Original Color

154.8020, 0.0976, -31.3984

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2220, -0.1094, -11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8020, 0.0976, -31.3984 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(119, 173, 155)` looks like.

```
.text, #text, p{  
    color:rgb(119, 173, 155)  
}
```

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(119, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 173, 155) }
```

Border

The CSS property to change the border of an element to YUV 154.8020, 0.0976, -31.3984 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(119, 173, 155) }
```


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

```
.border{ border-color:rgb(119, 173, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 173, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 173, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 173, 155);  
box-shadow:4px 4px 4px 4px rgb(119, 173,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 154.8020, 0.0976, -31.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 173, 155) }
```

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

```
.background{ background-color: rgb(119,  
173, 155) }
```

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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