

Converting Colors

YUV(97.6330, -0.3121, -40.0201)

Have a look what the booklet for
YUV(97.6330, -0.3121, -40.0201)
contains.

YUV(97.6330, -0.3121, -40.0201)	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(97.6330, -0.3121,
-40.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	347961
RGB	52, 121, 97
RGB Percent	20%, 47%, 38%
CMY	0.7961, 0.5255, 0.6196
CMYK	0.57, 0.00, 0.20, 0.53
HSL	159°, 40%, 34%
HSV	159°, 57%, 47%
XYZ	10.4112, 15.2679, 13.7075
YIQ	97.6330, -33.4200, -22.0920

Conversions

Conversions Part 2

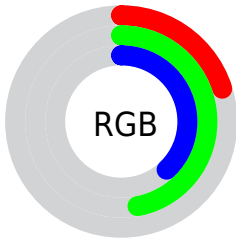
Format	Color
RYB	52, 94, 121
Decimal	3438945
CIELab	46.00, -28.00, 6.66
CIELCh	46, 28.782, 166.626
Yxy	15.2679, 0.2643, 0.3876
Android (android.graphics.Color)	4281629025 (0xFF347961)
YUV	97.6330, -0.3121, -40.0201
Hunter-Lab	39.0741, -20.8188, 6.5525




Details

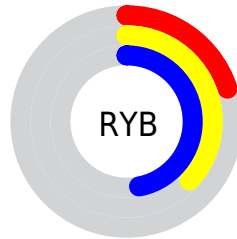
The YUV color **97.6330, -0.3121, -40.0201** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **75.3670, 0.3121, 40.0201**, and the grayscale version is **98.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **150.4050, -1.1857, -39.8202**, and **48.0780, 1.4405, -42.1644** is the 20% darker color. If you saturate the color by 10%, you get **93.5890, -0.2904, -46.9976**, and if you desaturate by 10%, it is **101.6770, -0.3338, -33.0427**.

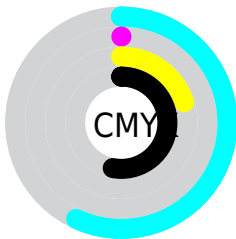
Distribution







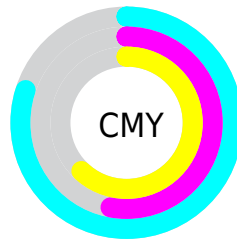
-  Red (20%)
-  Green (47%)
-  Blue (38%)






-  Red (20%)
-  Yellow (37%)
-  Blue (47%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (53%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6330, -0.3121, -40.0201 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 97.6330, -0.3121, -40.0201 by changing the saturation by 10% instead.

■ 97.6330, -0.3121,
-40.0201

■ 97.6330, -0.3121,
-40.0201

■ 255.0000, 0.0000,
0.0000

■ 71.5510, 0.7144,
-42.5792

■ 150.4050, -1.1857,
-39.8202

■ 48.0780, 1.4405,
-42.1644

■ 176.9920, -1.4751,
-40.3350

■ 32.1830, -1.0762,
-28.2245

■ 205.5790, -1.7644,
-40.8498

■ 17.5930, -6.2083,
-15.4291

■ 231.5190, -0.7489,
-39.9202

■ 0.0000, 0.0000,
0.0000

■ 243.0400, 5.8963,
-24.5911

■ 251.7110, 1.6215,

-6.7625

■ 97.6330, -0.3121,
-40.0201

■ 97.6330, -0.3121,
-40.0201

■ 93.5890, -0.2904,
-46.9976

■ 101.6770, -0.3338,
-33.0427

■ 89.5450, -0.2687,
-53.9750

■ 105.7210, -0.3555,
-26.0653

■ 85.3870, -0.6838,
-60.8524

■ 109.8790, 0.0597,
-19.1879

■ 81.3430, -0.6621,
-67.8298

■ 113.9230, 0.0380,
-12.2105

■ 80.0330, -0.5093,
-70.1889

■ 117.9670, 0.0163,
-5.2331

■ 122.3100, -0.1528,
2.3591

■ 126.3540, -0.1745,
9.3365

■ 130.5120, 0.2406,
16.2140

■ 134.5560, 0.2189,
23.1914

Harmonies

Analogous

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



102.9320, -13.7705, -16.6034



97.6330, -0.3121, -40.0201



86.4190, 17.5414, -73.1585

Triad

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



97.6330, -0.3121, -40.0201



108.8840, 22.7352, -12.1763



109.7520, -17.1327, 35.2975

Complementary

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



97.6330, -0.3121, -40.0201



75.3670, 0.3121, 40.0201

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.



110.4180, -7.1081, 39.9754



97.6330, -0.3121, -40.0201



111.9860, 14.7969, 14.0443

Square

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



97.6330, -0.3121, -40.0201



100.7230, 26.7586, -42.7301



111.7620, 4.5543, 32.6577



108.1820, -22.7677, 22.6424

Rectangle

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



97.6330, -0.3121, -40.0201



86.6450, 24.8250, -75.9877



111.7620, 4.5543, 32.6577



109.5720, -14.0860, 38.0864

Sweetspot

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



97.6330, -0.3121, -40.0201



148.9010, 0.0488, -15.6992



99.6790, -23.5057, -20.7665



73.6460, 0.1745, -9.3365



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



97.6330, -0.3121, -40.0201



121.7890, -0.3890, -62.0820



94.4990, 13.0650, -37.2716



58.9780, 0.0108, -3.4887



82.6090, -0.7932, -72.4481



166.7340, -0.8549, -146.2257

Inverse Universe

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



75.3670, 0.3121, 40.0201



87.2110, 0.3890, 62.0820



78.5010, -13.0650, 37.2716



57.0220, -0.0108, 3.4887



42.2770, 0.3564, 72.5481



85.3800, 1.2917, 146.1257

Previews

White Background



This preview shows how the YUV color 97.6330, -0.3121, -40.0201 looks on a white 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

Black Background



This preview shows how the YUV color 97.6330, -0.3121, -40.0201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

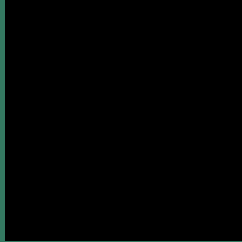
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6330, -0.3121, -40.0201

Background



This preview shows how black text looks on a background with the YUV color 97.6330, -0.3121, -40.0201.



This preview shows how white text looks on a background with the YUV color 97.6330, -0.3121, -40.0201.

-40.0201.

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

97.6330, -0.3121, -40.0201

Protanopia

107.8560, -8.3100, 5.3883

Deuteranopia

109.6270, -4.2531, 10.8511



Tritanopia

101.5810, 12.0386, -34.7125

Trichromacy



Original Color

97.6330, -0.3121, -40.0201

Protanomaly

104.1420, -5.4930, -11.5255

Deuteranomaly

105.5600, -2.7411, -7.5071

Tritanomaly

99.7180, 7.5340, -36.5867

Monochromacy



Original Color

97.6330, -0.3121, -40.0201

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6130, 0.1908, -14.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6330, -0.3121, -40.0201 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(52, 121, 97)` looks like.

```
.text, #text, p{  
    color:rgb(52, 121, 97)  
}
```

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(52, 121, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 121, 97) }
```

Border

The CSS property to change the border of an element to YUV 97.6330, -0.3121, -40.0201 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(52, 121, 97) }
```


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

```
.border{ border-color:rgb(52, 121, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 121, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 121, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 121, 97);  
box-shadow:4px 4px 4px 4px rgb(52, 121,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 97.6330, -0.3121, -40.0201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 121, 97) }
```

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

```
.background{ background-color: rgb(52, 121,  
97) }
```

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