

Converting Colors

YUV(82.0060, 7.3920, -37.7163)

Have a look what the booklet for
YUV(82.0060, 7.3920, -37.7163)
contains.

YUV(82.0060, 7.3920, -37.7163)	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(82.0060, 7.3920,
-37.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	276561
RGB	39, 101, 97
RGB Percent	15%, 40%, 38%
CMY	0.8471, 0.6039, 0.6196
CMYK	0.61, 0.00, 0.04, 0.60
HSL	176°, 44%, 27%
HSV	176°, 61%, 40%
XYZ	7.6480, 10.6018, 12.9525
YIQ	82.0060, -35.6680, -14.3880

Conversions

Conversions Part 2

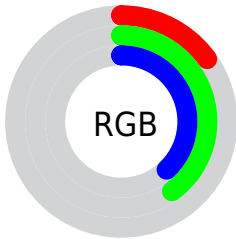
Format	Color
R_{YB}	39, 71, 101
Decimal	2581857
CIE _{Lab}	38.90, -20.78, -3.70
CIE _{LCh}	39, 21.111, 190.106
Yxy	10.6018, 0.2451, 0.3398
Android (android.graphics.Color)	4280771937 (0xFF276561)
YUV	82.0060, 7.3920, -37.7163
Hunter-Lab	32.5603, -15.0530, -0.7933

Details

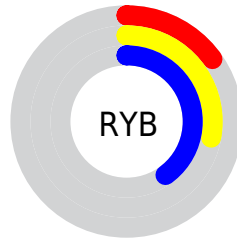
The YUV color **82.0060, 7.3920, -37.7163** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.9940, -7.3920, 37.7163**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6040, 7.0972, -36.4867**, and **37.5120, 6.6496, -32.8980** is the 20% darker color. If you saturate the color by 10%, you get **78.9020, 8.4293, -43.7641**, and if you desaturate by 10%, it is **85.1100, 6.3548, -31.6685**.

Distribution



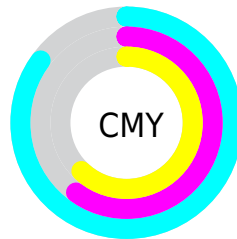
- Red (15%)
- Green (40%)
- Blue (38%)



- Red (15%)
- Yellow (28%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)



- Cyan (85%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0060, 7.3920, -37.7163 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 82.0060, 7.3920, -37.7163 by changing the saturation by 10% instead.

82.0060, 7.3920,
-37.7163

82.0060, 7.3920,
-37.7163

255.0000, 0.0000,
0.0000

55.0160, 8.8661,
-43.8640

133.6040, 7.0972,
-36.4867

37.5120, 6.6496,
-32.8980

160.1910, 6.8078,
-37.0015

22.7910, 3.5540,
-19.9877

187.7780, 6.5184,
-37.5163

0.4560, 1.7472,
-0.3999

215.5930, 7.1027,
-38.2311

0.0000, 0.0000,
0.0000

238.5550, 8.1074,
-33.8127

247.2260, 3.8326,

-15.9842

■ 82.0060, 7.3920,
-37.7163

■ 82.0060, 7.3920,
-37.7163

■ 78.9020, 8.4293,
-43.7641

■ 85.1100, 6.3548,
-31.6685

■ 75.9120, 9.9034,
-49.9118

■ 88.1000, 4.8807,
-25.5207

■ 72.8080, 10.9407,
-55.9596

■ 91.2040, 3.8434,
-19.4729

■ 70.0030, 11.8305,
-61.3926

■ 94.3080, 2.8062,
-13.4251

■ 97.5970, 1.1847,
-6.6626

■ 100.7010, 0.1474,
-0.6148

■ 103.8050, -0.8899,
5.4330

■ 106.7950, -2.3639,
11.5808

■ 109.8990, -3.4012,
17.6286

Harmonies

Analogous

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



85.0480, -2.9817, -23.7211



82.0060, 7.3920, -37.7163



81.4490, 15.5546, -42.4898

Triad

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



82.0060, 7.3920, -37.7163



93.5460, 12.0558, 6.5372



91.6960, -15.6261, 18.6836

Complementary

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



82.0060, 7.3920, -37.7163



57.9940, -7.3920, 37.7163

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.



92.3040, -10.9959, 26.9204



82.0060, 7.3920, -37.7163



94.0980, 4.8817, 20.9621

Square

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



82.0060, 7.3920, -37.7163



90.6900, 16.9148, -12.0061



93.5520, -3.7231, 27.5799



89.9180, -15.7356, 7.0879

Rectangle

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



82.0060, 7.3920, -37.7163



84.1770, 18.1537, -36.1122



93.5520, -3.7231, 27.5799



91.9460, -14.7634, 21.9724

Sweetspot

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



82.0060, 7.3920, -37.7163



123.0090, 2.9536, -14.0399



76.5900, -18.5319, -29.4584



61.7000, 1.6269, -8.5069



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



82.0060, 7.3920, -37.7163



100.6120, 11.5303, -58.4187



66.6130, 16.9528, -24.2166



49.5050, 0.7370, -3.0739



79.7030, 13.4574, -69.8995



167.9320, 29.1205, -147.2764

Inverse Universe

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



57.9940, -7.3920, 37.7163



63.3880, -11.5303, 58.4187



73.3870, -16.9528, 24.2166



47.4950, -0.7370, 3.0739



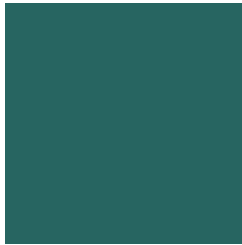
35.1830, -13.8942, 69.9995



74.1820, -28.6837, 147.1764

Previews

White Background



This preview shows how the YUV color 82.0060, 7.3920, -37.7163 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 82.0060, 7.3920, -37.7163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

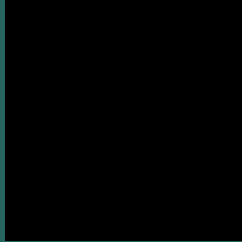
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0060, 7.3920, -37.7163

Background



This preview shows how black text looks on a background with the YUV color 82.0060, 7.3920, -37.7163.



This preview shows how white text looks on a background with the YUV color 82.0060, 7.3920, -37.7163.

-37.7163.

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

82.0060, 7.3920, -37.7163

Protanopia

91.5980, -0.2948, 1.2296

Deuteranopia

92.3470, 3.7729, 3.2037



Tritanopia

83.4670, 11.6018, -34.6126

Trichromacy



Original Color

82.0060, 7.3920, -37.7163

Protanomaly

88.1940, 2.3694, -13.3251

Deuteranomaly

88.3020, 5.2741, -11.6659

Tritanomaly

83.0000, 9.8600, -35.9570

Monochromacy



Original Color

82.0060, 7.3920, -37.7163

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0060, 7.3920, -37.7163 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(39, 101, 97)` looks like.

```
.text, #text, p{  
    color:rgb(39, 101, 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(39, 101, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 101, 97) }
```

Border

The CSS property to change the border of an element to YUV 82.0060, 7.3920, -37.7163 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(39, 101, 97) }
```


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

```
.border{ border-color:rgb(39, 101, 97) }
```

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

Here you see how a box with a 4 pixel rgb(39, 101, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 101, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 101, 97);  
box-shadow:4px 4px 4px 4px rgb(39, 101,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 82.0060, 7.3920, -37.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 101, 97) }
```

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

```
.background{ background-color: rgb(39, 101,  
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