

Converting Colors

YUV(96.0980, 7.8397, -41.3049)

Have a look what the booklet for
YUV(96.0980, 7.8397, -41.3049)
contains.

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Color

**YUV(96.0980, 7.8397,
-41.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	317570
RGB	49, 117, 112
RGB Percent	19%, 46%, 44%
CMY	0.8078, 0.5412, 0.5608
CMYK	0.58, 0.00, 0.04, 0.54
HSL	176°, 41%, 33%
HSV	176°, 58%, 46%
XYZ	10.5525, 14.5454, 17.5806
YIQ	96.0980, -38.9230, -15.9710

Conversions

Conversions Part 2

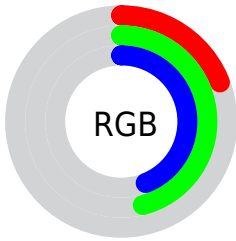
Format	Color
RYB	49, 84, 117
Decimal	3241328
CIELab	45.01, -22.64, -3.73
CIELCh	45, 22.945, 189.344
Yxy	14.5454, 0.2473, 0.3408
Android (android.graphics.Color)	4281431408 (0xFF317570)
YUV	96.0980, 7.8397, -41.3049
Hunter-Lab	38.1384, -17.3530, -0.6339

Details

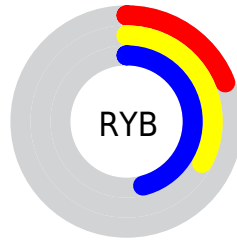
The YUV color **96.0980, 7.8397, -41.3049** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **69.9020, -7.8397, 41.3049**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6960, 7.5449, -40.0754**, and **47.2120, 8.2765, -41.4049** is the 20% darker color. If you saturate the color by 10%, you get **92.3960, 9.1718, -48.5823**, and if you desaturate by 10%, it is **99.8000, 6.5076, -34.0276**.

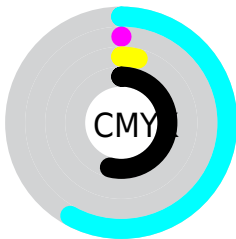
Distribution



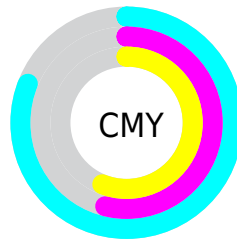
- Red (19%)
- Green (46%)
- Blue (44%)



- Red (19%)
- Yellow (33%)
- Blue (46%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (54%)



- Cyan (81%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0980, 7.8397, -41.3049 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 96.0980, 7.8397, -41.3049 by changing the saturation by 10% instead.

96.0980, 7.8397,
-41.3049

96.0980, 7.8397,
-41.3049

255.0000, 0.0000,
0.0000

69.4180, 9.1609,
-45.0936

148.6960, 7.5449,
-40.0754

47.2120, 8.2765,
-41.4049

175.9840, 7.4029,
-41.2050

31.7900, 5.0335,
-27.8798

203.8700, 6.9661,
-41.1050

18.3570, 1.7960,
-16.0991

232.5710, 7.1135,
-41.7198

0.0000, 0.0000,
0.0000

242.4420, 6.1911,
-25.8206

251.1130, 1.9163,

-7.9921

■ 96.0980, 7.8397,
-41.3049

■ 96.0980, 7.8397,
-41.3049

■ 92.3960, 9.1718,
-48.5823

■ 99.8000, 6.5076,
-34.0276

■ 88.9930, 10.3565,
-55.2449

■ 103.2030, 5.3229,
-27.3650

■ 85.2910, 11.6885,
-62.5222

■ 106.9050, 3.9908,
-20.0877

■ 81.7030, 13.4574,
-69.8995

■ 110.4930, 2.2220,
-12.7104

■ 80.9910, 13.3154,
-71.0291

■ 114.1950, 0.8899,
-5.4330

■ 117.5980, -0.2948,
1.2296

■ 121.3000, -1.6269,
8.5069

■ 125.0020, -2.9590,
15.7842

■ 128.4050, -4.1437,
22.4468

Harmonies

Analogous

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



99.5100, -3.7024, -25.8803



96.0980, 7.8397, -41.3049



95.4700, 17.0233, -46.8932

Triad

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



96.0980, 7.8397, -41.3049



108.6000, 13.5082, 7.3668



106.5500, -17.5261, 21.4427

Complementary

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



96.0980, 7.8397, -41.3049



69.9020, -7.8397, 41.3049

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.



107.6850, -12.1697, 30.0943



96.0980, 7.8397, -41.3049



109.5220, 5.1657, 23.2212

Square

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



96.0980, 7.8397, -41.3049



105.5480, 18.9568, -13.6356



108.5740, -3.7340, 31.0686



104.6470, -18.0670, 8.2026

Rectangle

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



96.0980, 7.8397, -41.3049



98.3120, 20.0592, -40.6156



108.5740, -3.7340, 31.0686



107.2130, -16.3740, 25.2462

Sweetspot

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



96.0980, 7.8397, -41.3049



144.9980, 2.9590, -15.7842



90.7100, -20.5630, -31.3177



71.9880, 1.4849, -9.6365



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



96.0980, 7.8397, -41.3049



120.0950, 12.2782, -64.9813



80.2320, 18.1266, -27.3905



57.0920, 0.4476, -3.5887



84.4960, 14.0525, -74.1030



173.1980, 28.9894, -151.8946

Inverse Universe

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



69.9020, -7.8397, 41.3049



78.9050, -12.2782, 64.9813



85.7680, -18.1266, 27.3905



54.7940, -0.8844, 3.6887



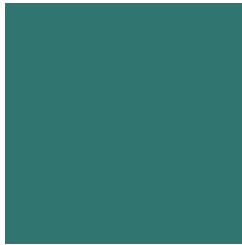
37.5040, -14.0525, 74.1030



76.8020, -28.9894, 151.8946

Previews

White Background



This preview shows how the YUV color 96.0980, 7.8397, -41.3049 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 96.0980, 7.8397, -41.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

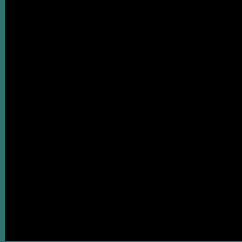
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0980, 7.8397, -41.3049

Background



This preview shows how black text looks on a background with the YUV color 96.0980, 7.8397, -41.3049.



This preview shows how white text looks on a background with the YUV color 96.0980, 7.8397, -41.3049.

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

96.0980, 7.8397, -41.3049

Protanopia

105.8970, -0.4422, 1.8443

Deuteranopia

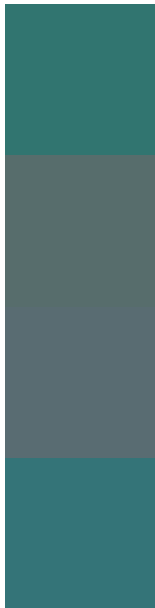
107.0590, 3.9149, 4.3333



Tritanopia

97.7870, 12.9230, -38.4012

Trichromacy



Original Color

96.0980, 7.8397, -41.3049

Protanomaly

102.3080, 2.8062, -13.4251

Deuteranomaly

103.0030, 5.4215, -12.2806

Tritanomaly

97.3200, 11.1812, -39.7456

Monochromacy



Original Color

96.0980, 7.8397, -41.3049

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2970, 2.8116, -15.1695

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0980, 7.8397, -41.3049 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(49, 117, 112)` looks like.

```
.text, #text, p{  
    color:rgb(49, 117, 112)  
}
```

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(49, 117, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 117, 112) }
```

Border

The CSS property to change the border of an element to YUV 96.0980, 7.8397, -41.3049 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(49, 117, 112) }
```


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

```
.border{ border-color:rgb(49, 117, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 117, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 117, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 117, 112);  
box-shadow:4px 4px 4px 4px rgb(49, 117,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 96.0980, 7.8397, -41.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 117, 112) }
```

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

```
.background{ background-color: rgb(49, 117,  
112) }
```

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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