

Converting Colors

YUV(96.9270, 3.9800, -16.5990)

Have a look what the booklet for
YUV(96.9270, 3.9800, -16.5990)
contains.

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Color

**YUV(96.9270, 3.9800,
-16.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6969
RGB	78, 105, 105
RGB Percent	31%, 41%, 41%
CMY	0.6941, 0.5882, 0.5882
CMYK	0.26, 0.00, 0.00, 0.59
HSL	180°, 15%, 36%
HSV	180°, 26%, 41%
XYZ	10.7433, 12.7428, 15.2580
YIQ	96.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

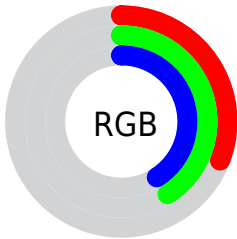
Format	Color
R_{YB}	78, 92, 105
Decimal	5138793
CIE _{Lab}	42.37, -9.86, -3.24
CIE _{LCh}	42, 10.375, 198.192
Yxy	12.7428, 0.2773, 0.3289
Android (android.graphics.Color)	4283328873 (0xFF4E6969)
YUV	96.9270, 3.9800, -16.5990
Hunter-Lab	35.6970, -8.7490, -0.3544

Details

The YUV color **96.9270, 3.9800, -16.5990** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.0730, -3.9800, 16.5990**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6280, 4.1274, -17.2138**, and **50.2260, 3.8326, -15.9842** is the 20% darker color. If you saturate the color by 10%, you get **93.9370, 5.4541, -22.7467**, and if you desaturate by 10%, it is **100.2160, 2.3585, -9.8364**.

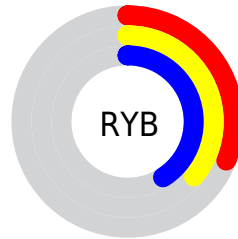
Distribution



Red (31%)

Green (41%)

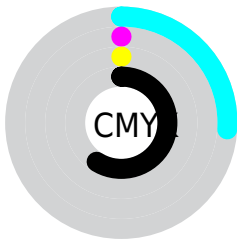
Blue (41%)



Red (31%)

Yellow (36%)

Blue (41%)

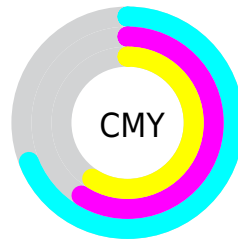


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9270, 3.9800, -16.5990 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 96.9270, 3.9800, -16.5990 by changing the saturation by 10% instead.

■ 96.9270, 3.9800,
-16.5990

■ 96.9270, 3.9800,
-16.5990

■ 255.0000, 0.0000,
0.0000

■ 73.2260, 3.8326,
-15.9842

■ 147.6280, 4.1274,
-17.2138

■ 50.2260, 3.8326,
-15.9842

■ 174.3290, 4.2748,
-17.8285

■ 28.2260, 3.8326,
-15.9842

■ 202.0300, 4.4222,
-18.4433

■ 11.1020, 1.9217,
-9.7365

■ 230.0300, 4.4222,
-18.4433

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,
-11.0660

■ 96.9270, 3.9800,
-16.5990

■ 96.9270, 3.9800,
-16.5990

■ 93.9370, 5.4541,
-22.7467

■ 100.2160, 2.3585,
-9.8364

■ 90.6480, 7.0755,
-29.5093

■ 103.2060, 0.8844,
-3.6887

■ 87.6580, 8.5496,
-35.6571

■ 106.4950, -0.7370,
3.0739

■ 84.3690, 10.1711,
-42.4196

■ 109.4850, -2.2111,
9.2217

■ 81.3790, 11.6452,
-48.5674

■ 112.7740, -3.8326,
15.9842

■ 78.0900, 13.2666,
-55.3299

■ 115.7640, -5.3067,
22.1320

■ 75.1000, 14.7407,
-61.4777

■ 119.0530, -6.9281,
28.8945

■ 73.6050, 15.4777,

■ 122.0430, -8.4022,

-64.5516

35.0423

■ 125.0330, -9.8763,
41.1901

Harmonies

Analogous

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



97.3960, -0.6882, -12.6253



96.9270, 3.9800, -16.5990



97.4370, 7.1796, -16.1692

Triad

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



96.9270, 3.9800, -16.5990



101.2980, 4.7831, 5.8777



99.8780, -8.3209, 8.8770

Complementary

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



96.9270, 3.9800, -16.5990



86.0730, -3.9800, 16.5990

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.



101.0680, -6.4425, 13.0954



96.9270, 3.9800, -16.5990



101.4190, 1.2724, 11.9105

Square

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



96.9270, 3.9800, -16.5990



100.3400, 7.7204, -2.9292



101.2900, -3.1010, 14.6547



99.0620, -7.4256, 1.6996

Rectangle

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



96.9270, 3.9800, -16.5990



98.8010, 8.4791, -12.9805



101.2900, -3.1010, 14.6547



100.3020, -8.0369, 11.1361

Sweetspot

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



96.9270, 3.9800, -16.5990



134.7110, 1.6215, -6.7625



93.8490, -7.8136, -13.8996



66.9070, 1.0318, -4.3034



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



96.9270, 3.9800, -16.5990



125.1430, 6.3385, -26.4354



89.2960, 7.7421, -9.9066



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Inverse Universe

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



89.1510, 7.8136, 13.8996



112.7590, 12.4438, 22.1364



94.2910, -8.0315, 9.3918



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 96.9270, 3.9800, -16.5990 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 96.9270, 3.9800, -16.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

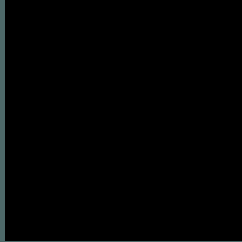
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

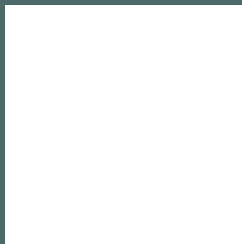
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.9270, 3.9800, -16.5990

Background



This preview shows how black text looks on a background with the YUV color 96.9270, 3.9800, -16.5990.



This preview shows how white text looks on a background with the YUV color 96.9270, 3.9800, -16.5990.

-16.5990.

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

96.9270, 3.9800, -16.5990

Protanopia

99.9400, 1.0156, 0.9296

Deuteranopia

100.8310, 3.0413, 4.5332



Tritanopia

97.7360, 7.0322, -15.5545

Trichromacy



Original Color

96.9270, 3.9800, -16.5990

Protanomaly

98.8360, 2.0529, -5.1182

Deuteranomaly

99.4880, 3.2104, -3.0590

Tritanomaly

97.0950, 5.8692, -15.8693

Monochromacy



Original Color

96.9270, 3.9800, -16.5990

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9270, 3.9800, -16.5990 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(78, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(78, 105, 105)  
}
```

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(78, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 105, 105) }
```

Border

The CSS property to change the border of an element to YUV 96.9270, 3.9800, -16.5990 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(78, 105, 105) }
```


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

```
.border{ border-color:rgb(78, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(78, 105,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 96.9270, 3.9800, -16.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 105, 105) }
```

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

```
.background{ background-color: rgb(78, 105,  
105) }
```

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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