

Converting Colors

YUV(72.9270, 3.9800, -16.5990)

Have a look what the booklet for
YUV(72.9270, 3.9800, -16.5990)
contains.

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Color

**YUV(72.9270, 3.9800,
-16.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	365151
RGB	54, 81, 81
RGB Percent	21%, 32%, 32%
CMY	0.7882, 0.6824, 0.6824
CMYK	0.33, 0.00, 0.00, 0.68
HSL	180°, 20%, 26%
HSV	180°, 33%, 32%
XYZ	5.9490, 7.2632, 8.8730
YIQ	72.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

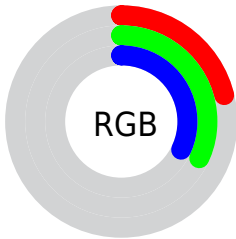
Format	Color
R_{YB}	54, 68, 81
Decimal	3559761
CIE _{Lab}	32.40, -10.10, -3.26
CIE _{LCh}	32, 10.610, 197.913
Yxy	7.2632, 0.2694, 0.3289
Android (android.graphics.Color)	4281749841 (0xFF365151)
YUV	72.9270, 3.9800, -16.5990
Hunter-Lab	26.9503, -7.7614, -0.6551

Details

The YUV color **72.9270, 3.9800, -16.5990** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.0730, -3.9800, 16.5990**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.6280, 4.1274, -17.2138**, and **28.0410, 4.4168, -16.6990** is the 20% darker color. If you saturate the color by 10%, you get **70.5350, 5.1592, -21.5172**, and if you desaturate by 10%, it is **75.3190, 2.8007, -11.6808**.

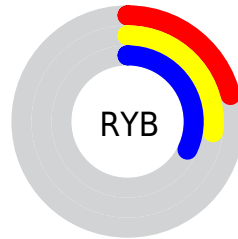
Distribution



Red (21%)

Green (32%)

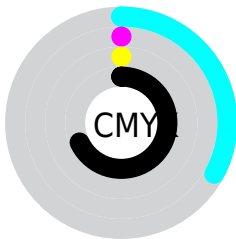
Blue (32%)



Red (21%)

Yellow (27%)

Blue (32%)

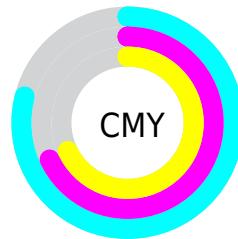


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (68%)



Cyan (79%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9270, 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 72.9270, 3.9800, -16.5990 by changing the saturation by 10% instead.

■ 72.9270, 3.9800,
-16.5990

■ 72.9270, 3.9800,
-16.5990

■ 255.0000, 0.0000,
0.0000

■ 49.9270, 3.9800,
-16.5990

■ 121.6280, 4.1274,
-17.2138

■ 28.0410, 4.4168,
-16.6990

■ 147.3290, 4.2748,
-17.8285

■ 11.1020, 1.9217,
-9.7365

■ 174.3290, 4.2748,
-17.8285

■ 0.0000, 0.0000,
0.0000

■ 202.0300, 4.4222,
-18.4433

■ 229.7310, 4.5696,
-19.0581

■ 249.6180, 2.6533,

-11.0660

■ 72.9270, 3.9800,
-16.5990

■ 72.9270, 3.9800,
-16.5990

■ 70.5350, 5.1592,
-21.5172

■ 75.3190, 2.8007,
-11.6808

■ 68.1430, 6.3385,
-26.4354

■ 77.7110, 1.6215,
-6.7625

■ 65.7510, 7.5178,
-31.3536

■ 80.1030, 0.4422,
-1.8443

■ 63.3590, 8.6970,
-36.2718

■ 82.4950, -0.7370,
3.0739

■ 60.9670, 9.8763,
-41.1901

■ 85.1860, -2.0637,
8.6069

■ 58.2760, 11.2029,
-46.7231

■ 87.5780, -3.2430,
13.5251

■ 56.7810, 11.9400,
-49.7969

■ 89.9700, -4.4222,
18.4433

■ 92.3620, -5.6015,
23.3615

■ 94.7540, -6.7807,
28.2797

Harmonies

Analogous

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



73.3960, -0.6882, -12.6253



72.9270, 3.9800, -16.5990



73.4370, 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.



72.9270, 3.9800, -16.5990



77.2980, 4.7831, 5.8777



75.9920, -7.8841, 8.7770

Complementary

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



72.9270, 3.9800, -16.5990



62.0730, -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.



77.0680, -6.4425, 13.0954



72.9270, 3.9800, -16.5990



78.0060, 0.9830, 11.3957

Square

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



72.9270, 3.9800, -16.5990



76.3400, 7.7204, -2.9292



77.2900, -3.1010, 14.6547



75.0620, -7.4256, 1.6996

Rectangle

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



72.9270, 3.9800, -16.5990



74.3880, 8.1897, -13.4953



77.2900, -3.1010, 14.6547



76.7040, -7.7421, 9.9066

Sweetspot

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



72.9270, 3.9800, -16.5990



101.7110, 1.6215, -6.7625



69.8490, -7.8136, -13.8996



51.9070, 1.0318, -4.3034



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



72.9270, 3.9800, -16.5990



92.4420, 6.1911, -25.8206



65.2960, 7.7421, -9.9066



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Inverse Universe

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



65.1510, 7.8136, 13.8996



80.3460, 12.1544, 21.6216



70.2910, -8.0315, 9.3918



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 72.9270, 3.9800, -16.5990 looks on a white background.

Color Contrast Check

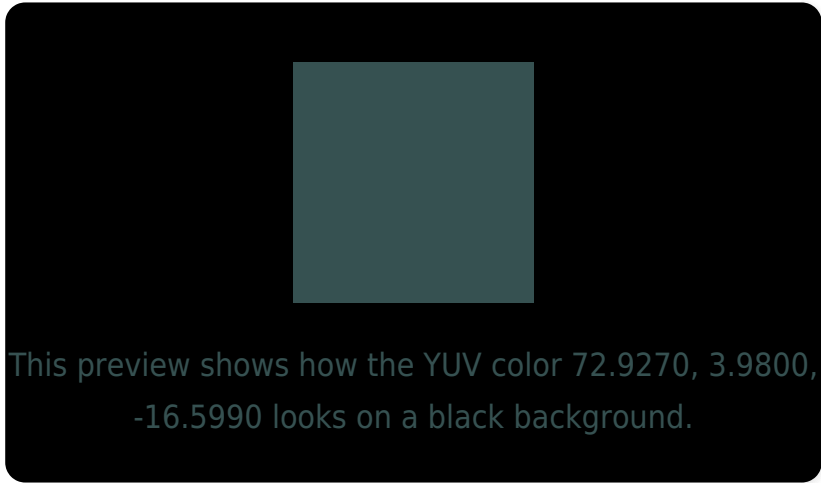
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

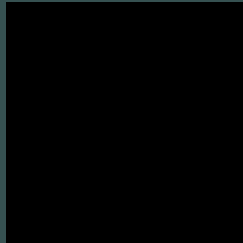
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9270, 3.9800, -16.5990

Background



This preview shows how black text looks on a background with the YUV color 72.9270, 3.9800, -16.5990.



This preview shows how white text looks on a background with the YUV color 72.9270, 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

72.9270, 3.9800, -16.5990

Protanopia

76.5270, 0.7262, 0.4148

Deuteranopia

76.8200, 3.0467, 2.7889



Tritanopia

73.3230, 6.7428, -16.0693

Trichromacy



Original Color

72.9270, 3.9800, -16.5990

Protanomaly

75.4230, 1.7635, -5.6330

Deuteranomaly

75.7760, 3.0684, -4.1886

Tritanomaly

73.0950, 5.8692, -15.8693

Monochromacy



Original Color

72.9270, 3.9800, -16.5990

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9270, 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(54, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(54, 81, 81)  
}
```

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(54, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 81, 81) }
```

Border

The CSS property to change the border of an element to YUV 72.9270, 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(54, 81, 81) }
```


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

```
.border{ border-color:rgb(54, 81, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(54, 81, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.9270, 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(54, 81, 81) }
```

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

```
.background{ background-color: rgb(54, 81,  
81) }
```

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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