

Converting Colors

YUV(63.9820, 3.9529, -7.8772)

Have a look what the booklet for
YUV(63.9820, 3.9529, -7.8772)
contains.

YUV(63.9820, 3.9529, -7.8772)	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(63.9820, 3.9529,
-7.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	374348
RGB	55, 67, 72
RGB Percent	22%, 26%, 28%
CMY	0.7843, 0.7373, 0.7176
CMYK	0.24, 0.07, 0.00, 0.72
HSL	198°, 13%, 25%
HSV	198°, 24%, 28%
XYZ	4.7524, 5.2944, 6.9023
YIQ	63.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

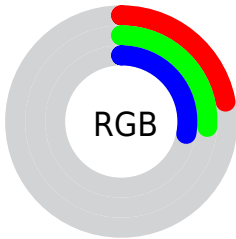
Format	Color
R_{YB}	55, 62, 72
Decimal	3621704
CIE Lab	27.56, -3.55, -4.65
CIE LCh	28, 5.845, 232.651
Yxy	5.2944, 0.2804, 0.3124
Android (android.graphics.Color)	4281811784 (0xFF374348)
YUV	63.9820, 3.9529, -7.8772
Hunter-Lab	23.0096, -3.3994, -1.6789

Details

The YUV color **63.9820, 3.9529, -7.8772** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.0180, -3.9529, 7.8772**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6830, 4.1003, -8.4920**, and **20.9820, 3.9529, -7.8772** is the 20% darker color. If you saturate the color by 10%, you get **60.7150, 5.5635, -11.1511**, and if you desaturate by 10%, it is **67.2490, 2.3422, -4.6034**.

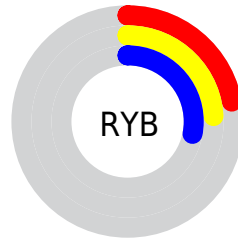
Distribution



Red (22%)

Green (26%)

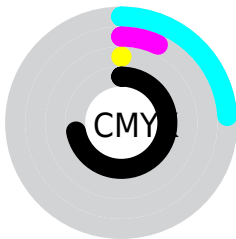
Blue (28%)



Red (22%)

Yellow (24%)

Blue (28%)

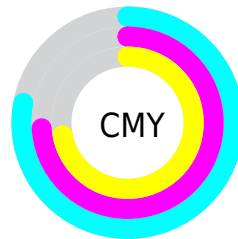


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (72%)



Cyan (78%)

Magenta (74%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9820, 3.9529, -7.8772 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 63.9820, 3.9529, -7.8772 by changing the saturation by 10% instead.

■ 63.9820, 3.9529,
-7.8772

■ 63.9820, 3.9529,
-7.8772

■ 255.0000, 0.0000,
0.0000

■ 41.9820, 3.9529,
-7.8772

■ 111.6830, 4.1003,
-8.4920

■ 20.9820, 3.9529,
-7.8772

■ 136.7970, 4.5371,
-8.5920

■ 0.1140, 0.4368,
-0.1000

■ 163.4980, 4.6845,
-9.2067

■ 0.0000, 0.0000,
0.0000

■ 190.4980, 4.6845,
-9.2067

■ 218.4980, 4.6845,
-9.2067

■ 246.3840, 4.2477,

-9.1068

■ 63.9820, 3.9529,
-7.8772

■ 63.9820, 3.9529,
-7.8772

■ 60.7150, 5.5635,
-11.1511

■ 67.2490, 2.3422,
-4.6034

■ 57.4480, 7.1741,
-14.4249

■ 70.5160, 0.7316,
-1.3295

■ 53.8820, 8.9322,
-18.3135

■ 74.0820, -1.0264,
2.5591

■ 50.6150, 10.5428,
-21.5874

■ 77.3490, -2.6371,
5.8329

■ 46.7610, 12.4428,
-24.3464

■ 81.2030, -4.5371,
8.5920

■ 43.4940, 14.0535,
-27.6202

■ 84.4700, -6.1477,
11.8658

■ 40.2270, 15.6641,
-30.8941

■ 87.7370, -7.7583,
15.1397

■ 38.1450, 16.6905,
-33.4532

■ 91.3030, -9.5164,
19.0283

■ 94.5700, -11.1270,
22.3021

Harmonies

Analogous

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



63.8140, 2.0637, -8.6069



63.9820, 3.9529, -7.8772



64.8190, 4.5262, -5.1033

Triad

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



63.9820, 3.9529, -7.8772



66.0440, -0.0217, 6.9774



64.6750, -3.7838, 0.2850

Complementary

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



63.9820, 3.9529, -7.8772



63.0180, -3.9529, 7.8772

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.



64.8820, -4.3788, 4.4885



63.9820, 3.9529, -7.8772



65.8870, -1.9163, 7.9921

Square

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



63.9820, 3.9529, -7.8772



66.0050, 2.4625, 3.5036



65.4200, -3.6581, 6.6477



64.1090, -2.0257, -3.6036

Rectangle

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



63.9820, 3.9529, -7.8772



65.4280, 4.2260, -2.1294



65.4200, -3.6581, 6.6477



64.5720, -4.2260, 2.1294

Sweetspot

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



63.9820, 3.9529, -7.8772



91.0320, 1.4632, -2.6591



65.5490, -2.7357, -9.2515



46.5160, 0.7316, -1.3295



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



63.9820, 3.9529, -7.8772



82.1170, 5.8583, -12.3806



59.2860, 6.2680, -3.7588



34.2170, 0.8790, -1.9443



52.3760, 22.9856, -45.9338



119.7980, 52.8506, -105.0628

Inverse Universe

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



61.4510, 2.7357, 9.2515



77.9400, 4.4666, 14.0846



67.7140, -6.2680, 3.7588



33.5380, 0.7208, 2.1592



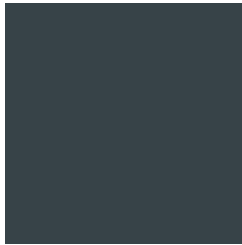
37.5810, 15.9826, 53.8645



86.1130, 36.4263, 123.5579

Previews

White Background



This preview shows how the YUV color 63.9820, 3.9529, -7.8772 looks on a white background.

Color Contrast Check

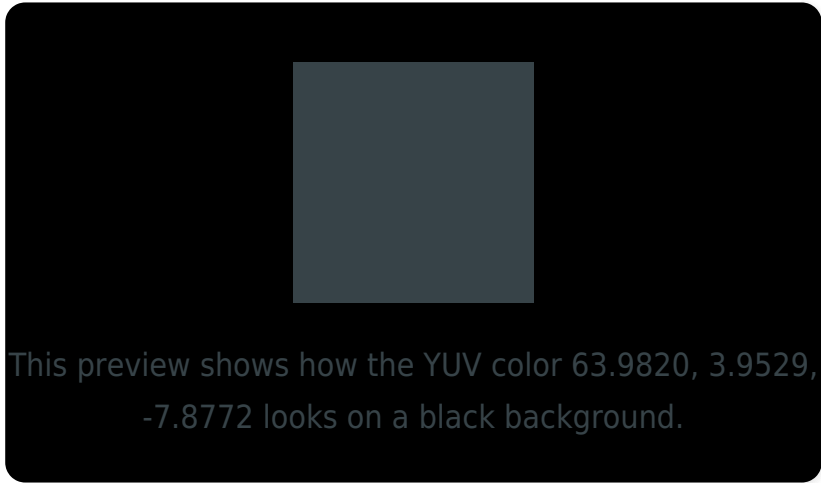
Large Text (above 18pt) WCAG AA ✓ Pass

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

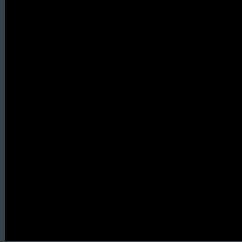
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9820, 3.9529, -7.8772

Background



This preview shows how black text looks on a background with the YUV color 63.9820, 3.9529, -7.8772.



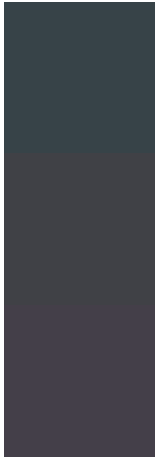
This preview shows how white text looks on a background with the YUV color 63.9820, 3.9529, -7.8772.

-7.8772.

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

63.9820, 3.9529, -7.8772

Protanopia

65.2710, 2.3314, -1.1147

Deuteranopia

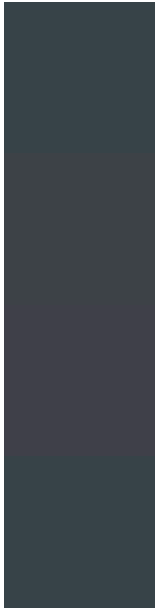
65.6350, 3.6309, 2.0741



Tritanopia

63.9820, 3.9529, -7.8772

Trichromacy



Original Color

63.9820, 3.9529, -7.8772

Protanomaly

65.0750, 2.9210, -3.5738

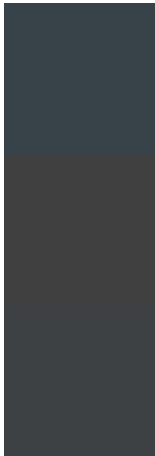
Deuteranomaly

64.7270, 4.0786, -1.5146

Tritanomaly

63.9820, 3.9529, -7.8772

Monochromacy



Original Color

63.9820, 3.9529, -7.8772

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9820, 3.9529, -7.8772 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(55, 67, 72)` looks like.

```
.text, #text, p{  
    color:rgb(55, 67, 72)  
}
```

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(55, 67, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 67, 72) }
```

Border

The CSS property to change the border of an element to YUV 63.9820, 3.9529, -7.8772 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(55, 67, 72) }
```


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

```
.border{ border-color:rgb(55, 67, 72) }
```

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

Here you see how a box with a 4 pixel rgb(55, 67, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 67, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 67, 72);  
box-shadow:4px 4px 4px 4px rgb(55, 67, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9820, 3.9529, -7.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 67, 72) }
```

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

```
.background{ background-color: rgb(55, 67,  
72) }
```

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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