

# Converting Colors

YUV(39.7820, 4.0515, 7.2072)

Have a look what the booklet for  
YUV(39.7820, 4.0515, 7.2072)  
contains.

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# Color

**YUV(39.7820, 4.0515,  
7.2072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	302230
RGB	48, 34, 48
RGB Percent	19%, 13%, 19%
CMY	0.8118, 0.8667, 0.8118
CMYK	0.00, 0.29, 0.00, 0.81
HSL	300°, 17%, 16%
HSV	300°, 29%, 19%
XYZ	2.3245, 1.9858, 3.0571
YIQ	39.7820, 3.8500, 7.3220

# Conversions

## Conversions Part 2

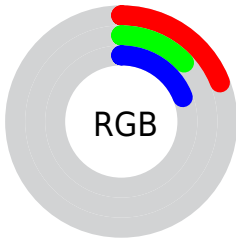
Format	Color
<b>R<sub>Y</sub>B</b>	48, 34, 48
Decimal	3154480
CIE Lab	15.41, 9.73, -6.63
CIE LCh	15, 11.775, 325.747
Yxy	1.9858, 0.3155, 0.2695
Android (android.graphics.Color)	4281344560 (0xFF302230)
YUV	39.7820, 4.0515, 7.2072
Hunter-Lab	14.0920, 4.7824, -2.9979

# Details

The YUV color **39.7820, 4.0515, 7.2072** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.2180, -4.0515, -7.2072**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6080, 4.6303, 8.2368**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.8470, 5.4984, 9.7812**, and if you desaturate by 10%, it is **42.7170, 2.6045, 4.6332**.

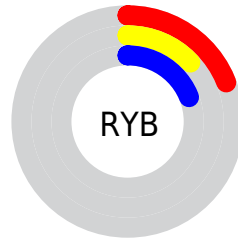
# Distribution



Red (19%)

Green (13%)

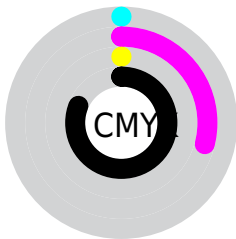
Blue (19%)



Red (19%)

Yellow (13%)

Blue (19%)

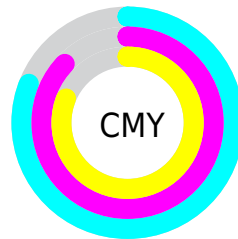


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 39.7820, 4.0515, 7.2072 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 39.7820, 4.0515, 7.2072 by changing the saturation by 10% instead.



■ 39.7820, 4.0515,  
7.2072

■ 39.7820, 4.0515,  
7.2072

■ 255.0000, 0.0000,  
0.0000

■ 19.0810, 3.9041,  
7.8220

■ 84.6080, 4.6303,  
8.2368

■ 0.0000, 0.0000,  
0.0000

■ 109.0210, 4.9196,  
8.7516

■ 134.9070, 4.4828,  
8.8516

■ 160.4340, 5.2090,  
9.2664

■ 187.7330, 5.0616,  
9.8812

■ 215.7330, 5.0616,

9.8812

■ 243.8470, 5.4984,  
9.7812

■ 39.7820, 4.0515,  
7.2072

■ 39.7820, 4.0515,  
7.2072

■ 36.8470, 5.4984,  
9.7812

■ 42.7170, 2.6045,  
4.6332

■ 33.9120, 6.9454,  
12.3552

■ 45.6520, 1.1576,  
2.0592

■ 31.5640, 8.1029,  
14.4144

■ 48.0000, 0.0000,  
0.0000

■ 28.6290, 9.5499,  
16.9884

■ 50.9350, -1.4470,  
-2.5740

■ 25.6940, 10.9969,  
19.5624

■ 53.8700, -2.8939,  
-5.1480

■ 22.7590, 12.4438,  
22.1364

■ 56.8050, -4.3409,  
-7.7220

■ 19.8240, 13.8908,  
24.7104

■ 59.7400, -5.7878,  
-10.2960

■ 62.0880, -6.9454,  
-12.3552

■ 65.0230, -8.3923,  
-14.9292

# Harmonies

## Analogous

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



39.1230, 6.8414, -0.9849



39.7820, 4.0515, 7.2072



39.4900, 0.2514, 12.7253

# Triad

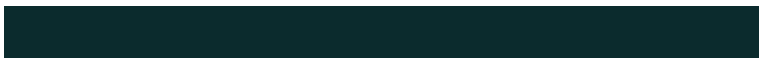
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.7820, 4.0515, 7.2072



38.2690, -8.0206, 5.9031



33.6600, 5.5906, -19.8728

# Complementary

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



39.7820, 4.0515, 7.2072



42.2180, -4.0515, -7.2072

# 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.



34.5420, 1.2118, -15.3843



39.7820, 4.0515, 7.2072



37.1650, -6.9833, -0.1447

# Square

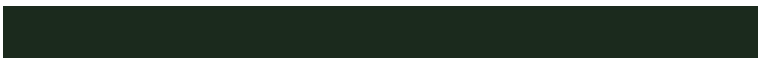
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.7820, 4.0515, 7.2072



38.9430, -6.8739, 11.4510



36.0330, -3.4673, -7.9219



34.7680, 8.4954, -18.2135



# Rectangle

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



39.7820, 4.0515, 7.2072



39.1050, -2.5168, 13.9399



36.0330, -3.4673, -7.9219



33.7310, 4.5696, -19.0581

# Sweetspot

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



39.7820, 4.0515, 7.2072



58.0650, 1.4470, 2.5740



35.5960, 6.1152, -1.3997



28.6520, 1.1576, 2.0592



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000



# Same Dimension

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



39.7820, 4.0515, 7.2072



48.6730, 6.0772, 10.8108



38.9840, 0.9939, 7.9070



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670



# Inverse Universe

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



39.7820, 4.0515, 7.2072



48.6730, 6.0772, 10.8108



43.0160, -0.9939, -7.9070



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875

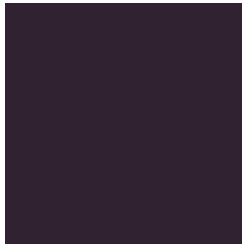


88.3820, 61.9297, 110.1670



# Previews

## White Background



This preview shows how the YUV color 39.7820, 4.0515, 7.2072 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

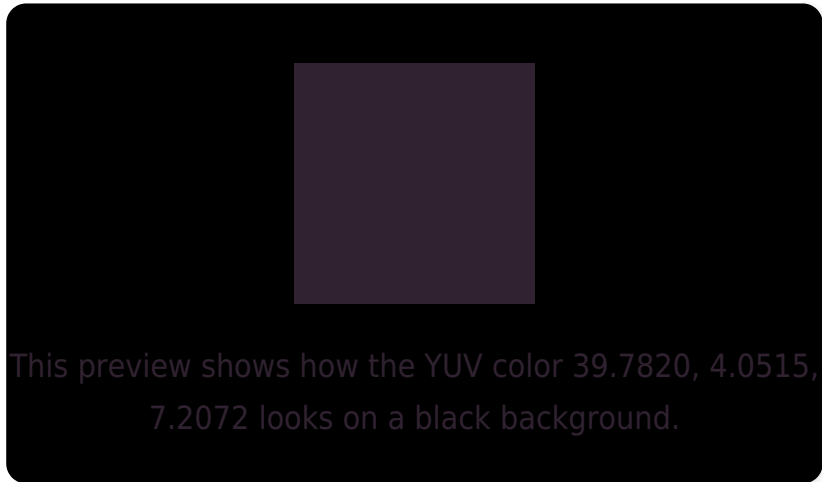
Any Text WCAG AA ✓ Pass

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 39.7820, 4.0515, 7.2072

## Background



This preview shows how black text looks on a background with the YUV color 39.7820, 4.0515, 7.2072.



This preview shows how white text looks on a background with the YUV color 39.7820, 4.0515,



# 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

39.7820, 4.0515, 7.2072

### Protanopia

38.5850, 6.1206, -3.1440

### Deuteranopia

39.0260, 3.9312, -0.8998



## Tritanopia

39.6310, -0.3111, 6.4626

# Trichromacy



## Original Color

39.7820, 4.0515, 7.2072

## Protanomaly

39.3790, 5.2362, 0.5446

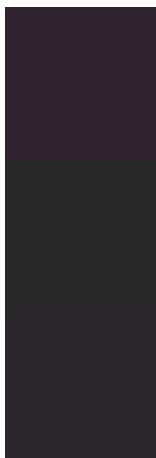
## Deuteranomaly

39.6350, 3.6309, 2.0741

## Tritanomaly

39.3860, 1.2887, 6.6775

# Monochromacy



## Original Color

39.7820, 4.0515, 7.2072

## Achromatopsia

40.0000, 0.0000, 0.0000

## Achromatomaly

40.0650, 1.4470, 2.5740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 39.7820, 4.0515, 7.2072 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(48, 34, 48)` looks like.

```
.text, #text, p{  
    color:rgb(48, 34, 48)  
}
```

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(48, 34, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 34, 48) }
```

## Border

The CSS property to change the border of an element to YUV 39.7820, 4.0515, 7.2072 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(48, 34, 48) }
```



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

```
.border{ border-color:rgb(48, 34, 48) }
```

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

Here you see how a box with a 4 pixel rgb(48, 34, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 34, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 34, 48);  
box-shadow:4px 4px 4px 4px rgb(48, 34, 48)  
}
```

# Background

The CSS property to change the background color of an element to YUV 39.7820, 4.0515, 7.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 34, 48) }
```

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

```
.background{ background-color: rgb(48, 34,  
48) }
```

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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