

# Converting Colors

YUV(72.6960, -19.0771, 5.5286)

Have a look what the booklet for  
YUV(72.6960, -19.0771, 5.5286)  
contains.

<b>YUV(72.6960, -19.0771, 5.5286)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(72.6960, -19.0771,  
5.5286)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F4D22
RGB	79, 77, 34
RGB Percent	31%, 30%, 13%
CMY	0.6902, 0.6980, 0.8667
CMYK	0.00, 0.03, 0.57, 0.69
HSL	57°, 40%, 22%
HSV	57°, 57%, 31%
XYZ	6.1671, 7.0855, 2.5560
YIQ	72.6960, 14.9950, -12.9490

# Conversions

## Conversions Part 2

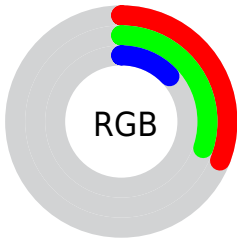
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 79, 34
Decimal	5197090
CIELab	32.00, -5.98, 25.49
CIELCh	32, 26.187, 103.207
Yxy	7.0855, 0.3901, 0.4482
Android (android.graphics.Color)	4283387170 (0xFF4F4D22)
YUV	72.6960, -19.0771, 5.5286
Hunter-Lab	26.6186, -5.2273, 12.9399

# Details

The YUV color **72.6960, -19.0771, 5.5286** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40.3040, 19.0771, -5.5286**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.6530, -20.5349, 6.4433**, and **29.2380, -14.4143, 3.2993** is the 20% darker color. If you saturate the color by 10%, you get **71.7840, -22.5715, 6.3284**, and if you desaturate by 10%, it is **73.6080, -15.5827, 4.7288**.

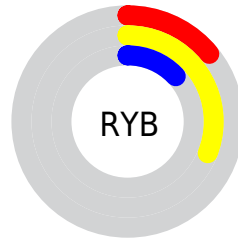
# Distribution



Red (31%)

Green (30%)

Blue (13%)



Red (14%)

Yellow (31%)

Blue (13%)

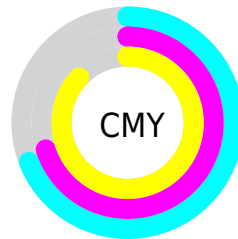


Cyan (0%)

Magenta (3%)

Yellow (57%)

Black (69%)



Cyan (69%)

Magenta (70%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 72.6960, -19.0771, 5.5286 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 72.6960, -19.0771, 5.5286 by changing the saturation by 10% instead.



■ 72.6960, -19.0771,  
5.5286

■ 72.6960, -19.0771,  
5.5286

■ 255.0000, 0.0000,  
0.0000

■ 49.5110, -18.4929,  
4.8139

■ 121.6530,  
-20.5349, 6.4433

■ 29.2380, -14.4143,  
3.2993

■ 147.7240,  
-21.5559, 7.2581

■ 7.0440, -3.4727,  
-6.1776

■ 174.0230,  
-21.7033, 7.8728

■ 0.0000, 0.0000,  
0.0000

■ 201.7950,  
-22.5769, 8.0728

■ 229.9800,  
-23.1611, 8.7875

■ 249.9840,

-19.2191, 4.3990

253.1760, -6.9888,  
1.5996

72.6960, -19.0771,  
5.5286

72.6960, -19.0771,  
5.5286

71.7840, -22.5715,  
6.3284

73.6080, -15.5827,  
4.7288

70.2850, -25.7765,  
7.6431

75.1070, -12.3778,  
3.4142

69.3730, -29.2709,  
8.4429

76.0190, -8.8834,  
2.6143

68.4610, -32.7653,  
9.2427

76.9310, -5.3890,  
1.8145

67.6460, -33.3495,  
9.9575

78.4300, -2.1840,  
0.4999

■ 79.2280, 0.8736,  
-0.2000

■ 80.1400, 4.3680,  
-0.9998

■ 81.6390, 7.5730,  
-2.3144

■ 82.5510, 11.0674,  
-3.1142

# Harmonies

## Analogous

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



74.4960, -18.9785, 20.6130



72.6960, -19.0771, 5.5286



69.8940, -12.7657, -12.1850

# Triad

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



72.6960, -19.0771, 5.5286



61.6370, 20.3920, -54.0556



77.5440, 5.1548, 26.7099

# Complementary

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



72.6960, -19.0771, 5.5286



40.3040, 19.0771, -5.5286

# 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.



77.3230, 13.6448, 10.2407



72.6960, -19.0771, 5.5286



61.7390, 25.7647, -50.6371

# Square

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



72.6960, -19.0771, 5.5286



60.0580, 11.8034, -52.6709



73.8900, 20.2672, -13.9355



75.7700, -4.3236, 33.5277



# Rectangle

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



72.6960, -19.0771, 5.5286



67.0540, -5.4496, -25.4804



73.8900, 20.2672, -13.9355



77.9070, 7.9338, 22.0066

# Sweetspot

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



72.6960, -19.0771, 5.5286



99.4750, -7.1362, 2.2144



47.6830, -5.7597, 27.4650



49.8600, -4.3680, 0.9998



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



72.6960, -19.0771, 5.5286



92.3730, -29.2709, 8.4429



67.8900, -16.7078, -7.7965



37.5440, -1.7472, 0.3999



87.4370, -43.1064, 12.7718



197.3230, -97.2802, 28.6577



# Inverse Universe

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



40.3040, 19.0771, -5.5286



42.6270, 29.2709, -8.4429



45.1100, 16.7078, 7.7965



35.0430, 1.4578, -0.9147



14.5630, 43.1064, -12.7718



32.0900, 97.5696, -28.1429



# Previews

## White Background



This preview shows how the YUV color 72.6960, -19.0771, 5.5286 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



This preview shows how the YUV color 72.6960, -19.0771, 5.5286 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

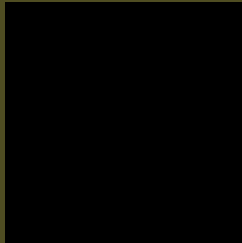
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 72.6960, -19.0771, 5.5286**

## **Background**



This preview shows how black text looks on a background with the YUV color 72.6960, -19.0771, 5.5286.



This preview shows how white text looks on a background with the YUV color 72.6960, -19.0771,



# 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

72.6960, -19.0771, 5.5286

### Protanopia

73.0170, -19.2354, 9.6321

### Deuteranopia

74.0610, -19.2571, 16.6095



## Tritanopia

75.9730, 0.9993, 6.1627

# Trichromacy



## Original Color

72.6960, -19.0771, 5.5286

## Protanomaly

73.0060, -19.2300, 7.8877

## Deuteranomaly

73.7400, -19.0988, 12.5060

## Tritanomaly

75.0240, -6.4208, 6.1180

# Monochromacy



## Original Color

72.6960, -19.0771, 5.5286

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

72.5890, -6.6994, 2.1144

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.6960, -19.0771, 5.5286 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(79, 77, 34)` looks like.

```
.text, #text, p{  
    color:rgb(79, 77, 34)  
}
```

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(79, 77, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 77, 34) }
```

## Border

The CSS property to change the border of an element to YUV 72.6960, -19.0771, 5.5286 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(79, 77, 34) }
```



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

```
.border{ border-color:rgb(79, 77, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 77, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 77, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 77, 34);  
box-shadow:4px 4px 4px 4px rgb(79, 77, 34)  
}
```

# Background

The CSS property to change the background color of an element to YUV 72.6960, -19.0771, 5.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 77, 34) }
```

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

```
.background{ background-color: rgb(79, 77,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor