

Converting Colors

YUV(74.8060, 7.4906, -22.6319)

Have a look what the booklet for
YUV(74.8060, 7.4906, -22.6319)
contains.

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Color

**YUV(74.8060, 7.4906,
-22.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	31555A
RGB	49, 85, 90
RGB Percent	19%, 33%, 35%
CMY	0.8078, 0.6667, 0.6471
CMYK	0.46, 0.06, 0.00, 0.65
HSL	187°, 29%, 27%
HSV	187°, 46%, 35%
XYZ	6.3606, 7.8882, 10.8602
YIQ	74.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

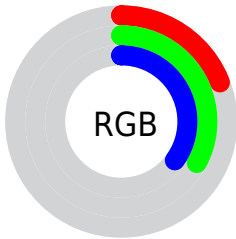
Format	Color
R_{YB}	49, 68, 90
Decimal	3233114
CIE _{Lab}	33.75, -11.44, -6.98
CIE _{LCh}	34, 13.398, 211.386
Yxy	7.8882, 0.2533, 0.3142
Android (android.graphics.Color)	4281423194 (0xFF31555A)
YUV	74.8060, 7.4906, -22.6319
Hunter-Lab	28.0859, -8.7255, -3.2661

Details

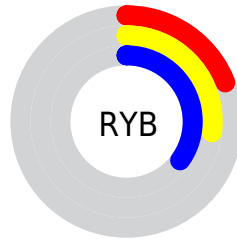
The YUV color **74.8060, 7.4906, -22.6319** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.1940, -7.4906, 22.6319**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5070, 7.6380, -23.2466**, and **28.4960, 7.6435, -24.9910** is the 20% darker color. If you saturate the color by 10%, you get **71.5280, 9.1067, -27.6501**, and if you desaturate by 10%, it is **78.0840, 5.8746, -17.6137**.

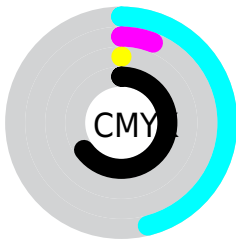
Distribution



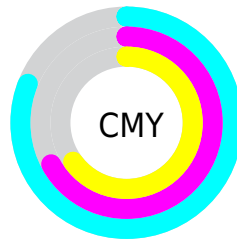
- Red (19%)
- Green (33%)
- Blue (35%)



- Red (19%)
- Yellow (27%)
- Blue (35%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



- Cyan (81%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8060, 7.4906, -22.6319 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 74.8060, 7.4906, -22.6319 by changing the saturation by 10% instead.

■ 74.8060, 7.4906,
-22.6319

■ 74.8060, 7.4906,
-22.6319

■ 255.0000, 0.0000,
0.0000

■ 51.5070, 7.6380,
-23.2466

■ 124.5070, 7.6380,
-23.2466

■ 28.4960, 7.6435,
-24.9910

■ 150.5070, 7.6380,
-23.2466

■ 14.4760, 4.6953,
-12.6955

■ 177.2080, 7.7855,
-23.8614

■ 0.0000, 0.0000,
0.0000

■ 204.9090, 7.9329,
-24.4762

■ 233.0230, 8.3697,
-24.5762

■ 248.4220, 3.2430,

-13.5251

■ 74.8060, 7.4906,
-22.6319

■ 74.8060, 7.4906,
-22.6319

■ 71.5280, 9.1067,
-27.6501

■ 78.0840, 5.8746,
-17.6137

■ 68.2500, 10.7227,
-32.6683

■ 81.3620, 4.2585,
-12.5955

■ 64.9720, 12.3388,
-37.6864

■ 84.6400, 2.6425,
-7.5773

■ 61.6940, 13.9549,
-42.7046

■ 87.9180, 1.0264,
-2.5591

■ 58.4160, 15.5709,
-47.7228

■ 91.1960, -0.5896,
2.4591

■ 56.6330, 16.4499,
-49.6671

■ 95.0610, -2.4951,
6.9625

■ 98.3390, -4.1111,
11.9807

■ 101.6170, -5.7272,
16.9989

■ 104.8950, -7.3432,
22.0171

Harmonies

Analogous

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



74.7480, 2.0962, -19.0730



74.8060, 7.4906, -22.6319



76.3380, 10.6794, -18.7134

Triad

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



74.8060, 7.4906, -22.6319



81.2170, 4.3300, 11.2107



78.9980, -10.3520, 7.0178

Complementary

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



74.8060, 7.4906, -22.6319



64.1940, -7.4906, 22.6319

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.



79.6830, -9.2107, 14.3100



74.8060, 7.4906, -22.6319



81.1700, -1.0698, 16.5139

Square

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



74.8060, 7.4906, -22.6319



80.1880, 8.2883, 1.5891



80.9160, -5.8746, 17.6137



77.5130, -8.1409, -2.2039

Rectangle

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



74.8060, 7.4906, -22.6319



77.7840, 10.9525, -12.9656



80.9160, -5.8746, 17.6137



79.4220, -10.0680, 9.2769

Sweetspot

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



74.8060, 7.4906, -22.6319



111.0420, 2.9373, -8.8068



73.6370, -9.6810, -21.6066



54.8360, 2.0529, -5.1182



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.8060, 7.4906, -22.6319



93.1680, 11.7492, -35.2273



63.0660, 13.2785, -12.3359



43.9180, 1.0264, -2.5591



68.8920, 20.2662, -60.4183



149.1140, 43.3278, -130.7730

Inverse Universe

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



65.3630, 9.6810, 21.6066



78.5200, 15.0266, 33.7470



75.9340, -13.2785, 12.3359



42.9510, 1.0102, 2.6740



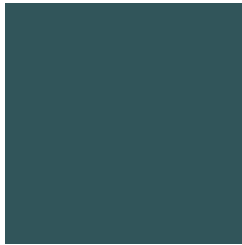
43.8340, 25.7178, 58.0276



94.5750, 55.9185, 124.9067

Previews

White Background



This preview shows how the YUV color 74.8060, 7.4906, -22.6319 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 74.8060, 7.4906, -22.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

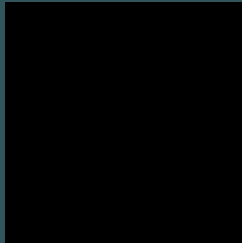
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8060, 7.4906, -22.6319

Background



This preview shows how black text looks on a background with the YUV color 74.8060, 7.4906, -22.6319.



This preview shows how white text looks on a background with the YUV color 74.8060, 7.4906, -22.6319.

-22.6319.

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

74.8060, 7.4906, -22.6319

Protanopia

79.4990, 3.2050, -1.3146

Deuteranopia

79.9060, 5.9623, 0.9594



Tritanopia

75.0340, 8.3642, -22.8318

Trichromacy



Original Color

74.8060, 7.4906, -22.6319

Protanomaly

77.4980, 4.6845, -9.2067

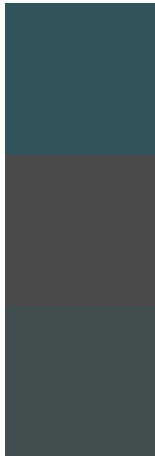
Deuteranomaly

77.9650, 6.4263, -7.8623

Tritanomaly

74.9200, 7.9274, -22.7318

Monochromacy



Original Color

74.8060, 7.4906, -22.6319

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8060, 7.4906, -22.6319 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(49, 85, 90)` looks like.

```
.text, #text, p{  
    color:rgb(49, 85, 90)  
}
```

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(49, 85, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 85, 90) }
```

Border

The CSS property to change the border of an element to YUV 74.8060, 7.4906, -22.6319 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(49, 85, 90) }
```


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

```
.border{ border-color:rgb(49, 85, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 85, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 85, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 85, 90);  
box-shadow:4px 4px 4px 4px rgb(49, 85, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8060, 7.4906, -22.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 85, 90) }
```

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

```
.background{ background-color: rgb(49, 85,  
90) }
```

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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