

Converting Colors

YUV(76.6080, 1.1793, -4.9182)

Have a look what the booklet for
YUV(76.6080, 1.1793, -4.9182)
contains.

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Color

**YUV(76.6080, 1.1793,
-4.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	474F4F
RGB	71, 79, 79
RGB Percent	28%, 31%, 31%
CMY	0.7216, 0.6902, 0.6902
CMYK	0.10, 0.00, 0.00, 0.69
HSL	180°, 5%, 29%
HSV	180°, 10%, 31%
XYZ	6.8058, 7.4961, 8.4853
YIQ	76.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

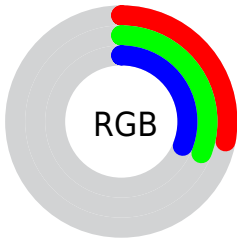
Format	Color
RYB	71, 75, 79
Decimal	4673359
CIELab	32.91, -3.19, -1.10
CIELCh	33, 3.378, 198.990
Yxy	7.4961, 0.2987, 0.3290
Android (android.graphics.Color)	4282863439 (0xFF474F4F)
YUV	76.6080, 1.1793, -4.9182
Hunter-Lab	27.3790, -3.5420, 0.7900

Details

The YUV color **76.6080, 1.1793, -4.9182** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73.3920, -1.1793, 4.9182**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3090, 1.3267, -5.5330**, and **32.9070, 1.0318, -4.3034** is the 20% darker color. If you saturate the color by 10%, you get **74.2160, 2.3585, -9.8364**, and if you desaturate by 10%, it is **79.0000, 0.0000, 0.0000**.

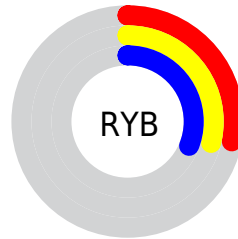
Distribution



Red (28%)

Green (31%)

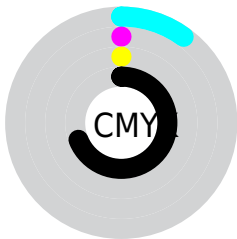
Blue (31%)



Red (28%)

Yellow (29%)

Blue (31%)

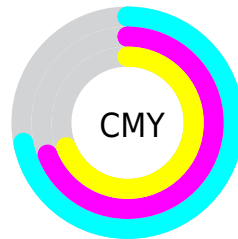


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6080, 1.1793, -4.9182 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 76.6080, 1.1793, -4.9182 by changing the saturation by 10% instead.

■ 76.6080, 1.1793,
-4.9182

■ 76.6080, 1.1793,
-4.9182

■ 255.0000, 0.0000,
0.0000

■ 53.9070, 1.0318,
-4.3034

■ 125.3090, 1.3267,
-5.5330

■ 32.9070, 1.0318,
-4.3034

■ 151.3090, 1.3267,
-5.5330

■ 9.4120, 1.7689,
-7.3773

■ 178.3090, 1.3267,
-5.5330

■ 0.0000, 0.0000,
0.0000

■ 205.3090, 1.3267,
-5.5330

■ 234.0100, 1.4741,
-6.1478

■ 76.6080, 1.1793,
-4.9182

■ 76.6080, 1.1793,
-4.9182

■ 74.2160, 2.3585,
-9.8364

■ 79.0000, 0.0000,
0.0000

■ 71.8240, 3.5378,
-14.7546

■ 81.3920, -1.1793,
4.9182

■ 69.4320, 4.7170,
-19.6729

■ 83.7840, -2.3585,
9.8364

■ 67.0400, 5.8963,
-24.5911

■ 86.1760, -3.5378,
14.7546

■ 64.9470, 6.9281,
-28.8945

■ 88.2690, -4.5696,
19.0581

■ 62.5550, 8.1074,
-33.8127

■ 90.6610, -5.7489,
23.9763

■ 60.1630, 9.2866,
-38.7310

■ 93.0530, -6.9281,
28.8945

■ 57.7710, 10.4659,

■ 95.4450, -8.1074,

-43.6492

33.8127

■ 55.3790, 11.6452,
-48.5674

■ 97.8370, -9.2866,
38.7310

Harmonies

Analogous

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



76.5650, -0.2785, -4.0035



76.6080, 1.1793, -4.9182



77.1350, 1.9054, -4.5034

Triad

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



76.6080, 1.1793, -4.9182



77.7660, 1.5944, 1.9592



77.6260, -2.7736, 2.9590

Complementary

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



76.6080, 1.1793, -4.9182



73.3920, -1.1793, 4.9182

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.



77.7510, -2.3422, 4.6034



76.6080, 1.1793, -4.9182



78.0220, -0.0108, 3.4887

Square

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



76.6080, 1.1793, -4.9182



77.5700, 2.1840, -0.4999



78.0930, -1.0318, 4.3034



77.3160, -2.6208, 0.5999

Rectangle

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



76.6080, 1.1793, -4.9182



76.9610, 2.4842, -3.4738



78.0930, -1.0318, 4.3034



77.9250, -2.9210, 3.5738

Sweetspot

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



76.6080, 1.1793, -4.9182



101.1030, 0.4422, -1.8443



75.6960, -2.3151, -4.1184



50.4020, 0.2948, -1.2296



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.



76.6080, 1.1793, -4.9182



98.4120, 1.7689, -7.3773



74.2600, 2.3368, -2.8590



36.8040, 0.5896, -2.4591



71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Inverse Universe

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



74.3040, 2.3151, 4.1184



94.9560, 3.4727, 6.1776



75.7400, -2.3368, 2.8590



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 76.6080, 1.1793, -4.9182 looks on a white background.

Color Contrast Check

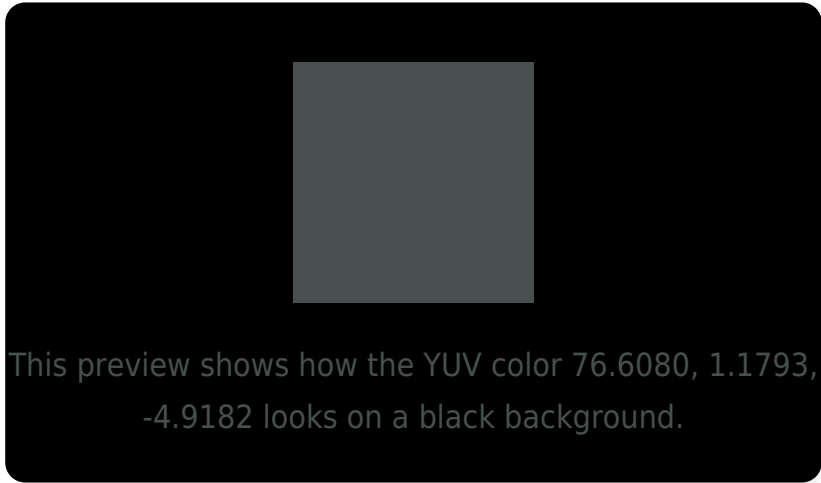
Large Text (above 18pt) WCAG AA ✓ Pass

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

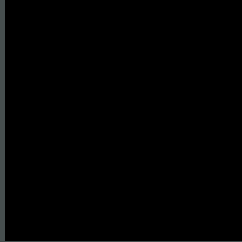
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6080, 1.1793, -4.9182

Background



This preview shows how black text looks on a background with the YUV color 76.6080, 1.1793, -4.9182.



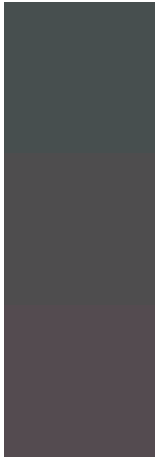
This preview shows how white text looks on a background with the YUV color 76.6080, 1.1793, -4.9182.

-4.9182.

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

76.6080, 1.1793, -4.9182

Protanopia

77.4130, 0.2894, 0.5148

Deuteranopia

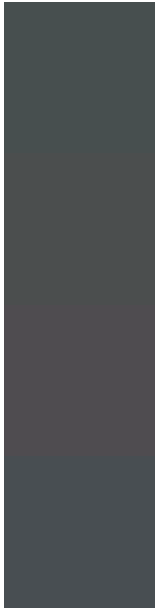
78.2610, 0.8573, 5.0331



Tritanopia

76.8900, 3.5052, -4.2885

Trichromacy



Original Color

76.6080, 1.1793, -4.9182

Protanomaly

77.1030, 0.4422, -1.8443

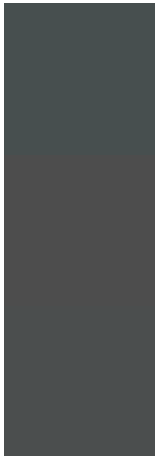
Deuteranomaly

77.3530, 1.3050, 1.4444

Tritanomaly

76.6620, 2.6316, -4.0886

Monochromacy



Original Color

76.6080, 1.1793, -4.9182

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6080, 1.1793, -4.9182 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(71, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(71, 79, 79)  
}
```

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(71, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 79, 79) }
```

Border

The CSS property to change the border of an element to YUV 76.6080, 1.1793, -4.9182 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(71, 79, 79) }
```


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

```
.border{ border-color:rgb(71, 79, 79) }
```

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

Here you see how a box with a 4 pixel rgb(71, 79, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(71, 79, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6080, 1.1793, -4.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 79, 79) }
```

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

```
.background{ background-color: rgb(71, 79,  
79) }
```

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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