

Converting Colors

YUV(75.1790, 1.8838, 2.4740)

Have a look what the booklet for
YUV(75.1790, 1.8838, 2.4740)
contains.

YUV(75.1790, 1.8838, 2.4740)	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(75.1790, 1.8838,
2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	4E494F
RGB	78, 73, 79
RGB Percent	31%, 29%, 31%
CMY	0.6941, 0.7137, 0.6902
CMYK	0.01, 0.08, 0.00, 0.69
HSL	290°, 4%, 30%
HSV	290°, 8%, 31%
XYZ	6.9357, 6.9493, 8.3729
YIQ	75.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

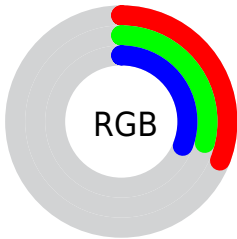
Format	Color
RYB	78, 73, 79
Decimal	5130575
CIELab	31.69, 3.37, -2.82
CIELCh	32, 4.399, 320.084
Yxy	6.9493, 0.3116, 0.3122
Android (android.graphics.Color)	4283320655 (0xFF4E494F)
YUV	75.1790, 1.8838, 2.4740
Hunter-Lab	26.3615, 0.8306, -0.3786

Details

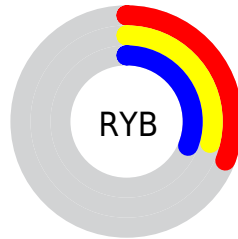
The YUV color **75.1790, 1.8838, 2.4740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.8210, -1.8838, -2.4740**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1790, 1.8838, 2.4740**, and **31.1790, 1.8838, 2.4740** is the 20% darker color. If you saturate the color by 10%, you get **70.1840, 4.3463, 5.9776**, and if you desaturate by 10%, it is **80.1740, -0.5788, -1.0296**.

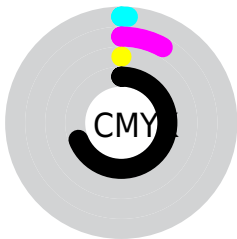
Distribution



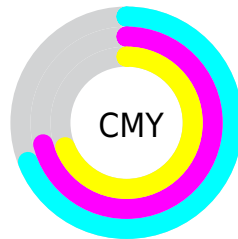
- Red (31%)
- Green (29%)
- Blue (31%)



- Red (31%)
- Yellow (29%)
- Blue (31%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (69%)



- Cyan (69%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1790, 1.8838, 2.4740 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 75.1790, 1.8838, 2.4740 by changing the saturation by 10% instead.

■ 75.1790, 1.8838,
2.4740

■ 75.1790, 1.8838,
2.4740

■ 255.0000, 0.0000,
0.0000

■ 52.7660, 1.5944,
1.9592

■ 124.1790, 1.8838,
2.4740

■ 31.1790, 1.8838,
2.4740

■ 149.5920, 2.1731,
2.9888

■ 7.4180, 2.7519,
4.0184

■ 176.5920, 2.1731,
2.9888

■ 0.0000, 0.0000,
0.0000

■ 203.5920, 2.1731,
2.9888

■ 231.7060, 2.6099,
2.8888

■ 75.1790, 1.8838,
2.4740

■ 75.1790, 1.8838,
2.4740

■ 70.1840, 4.3463,
5.9776

■ 80.1740, -0.5788,
-1.0296

■ 64.8900, 6.9562,
8.8665

■ 85.4680, -3.1887,
-3.9184

■ 59.8950, 9.4188,
12.3701

■ 90.4630, -5.6513,
-7.4221

■ 54.9000, 11.8813,
15.8737

■ 95.4580, -8.1138,
-10.9257

■ 49.6060, 14.4912,
18.7625

■ 100.1650,
-10.4343, -13.2997

■ 45.1980, 16.6644,
21.7514

■ 105.1600,
-12.8969, -16.8033

■ 40.2030, 19.1269,
25.2550

■ 110.1550,
-15.3594, -20.3069

■ 34.9090, 21.7369,

■ 115.4490,

28.1438

-17.9694, -23.1958

■ 29.9140, 24.1994,
31.6474

■ 120.4440,
-20.4319, -26.6994

Harmonies

Analogous

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



74.7980, 3.0576, -0.6998



75.1790, 1.8838, 2.4740



75.1470, 0.4205, 5.1331

Triad

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



75.1790, 1.8838, 2.4740



74.8110, -3.3578, 3.6738



73.7110, 1.6215, -6.7625

Complementary

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



75.1790, 1.8838, 2.4740



76.8210, -1.8838, -2.4740

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.



73.8530, -0.4205, -5.1331



75.1790, 1.8838, 2.4740



74.2020, -3.0576, 0.6998

Square

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



75.1790, 1.8838, 2.4740



74.9360, -2.9264, 5.3181



73.8210, -1.8838, -2.4740



73.7650, 3.0739, -5.9329

Rectangle

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



75.1790, 1.8838, 2.4740



75.1040, -1.0373, 6.0478



73.8210, -1.8838, -2.4740



73.5970, 1.1847, -6.6626

Sweetspot

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



75.1790, 1.8838, 2.4740



100.8260, 0.5788, 1.0296



74.2710, 2.3314, -1.1147



50.4130, 0.2894, 0.5148



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.



75.1790, 1.8838, 2.4740



96.1190, 2.8993, 3.4036



75.2500, 0.8628, 3.2887



35.6520, 1.1576, 2.0592



37.0430, 32.0238, 42.0583



83.3290, 72.3088, 94.4275

Inverse Universe

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



74.9080, -0.4476, 3.5887



95.8050, -0.8899, 5.4330



76.7500, -0.8627, -3.2887



35.3100, -0.1528, 2.3591



32.4360, -7.6099, 61.0076



73.1020, -17.3053, 137.5995

Previews

White Background



This preview shows how the YUV color 75.1790, 1.8838, 2.4740 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 75.1790, 1.8838, 2.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

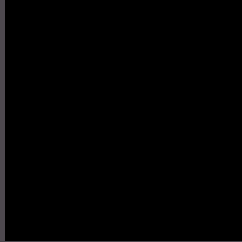
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1790, 1.8838, 2.4740

Background



This preview shows how black text looks on a background with the YUV color 75.1790, 1.8838, 2.4740.

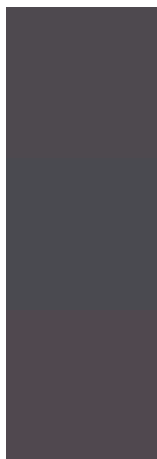


This preview shows how white text looks on a background with the YUV color 75.1790, 1.8838,

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

75.1790, 1.8838, 2.4740

Protanopia

74.6840, 2.6208, -0.5999

Deuteranopia

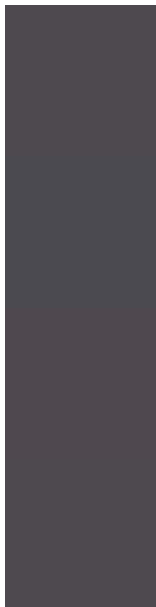
75.1900, 1.8783, 4.2184



Tritanopia

75.1790, 1.8838, 2.4740

Trichromacy



Original Color

75.1790, 1.8838, 2.4740

Protanomaly

74.9830, 2.4734, 0.0149

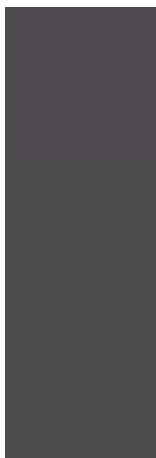
Deuteranomaly

74.8910, 2.0257, 3.6036

Tritanomaly

75.1790, 1.8838, 2.4740

Monochromacy



Original Color

75.1790, 1.8838, 2.4740

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1790, 1.8838, 2.4740 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(78, 73, 79)` looks like.

```
.text, #text, p{  
    color:rgb(78, 73, 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(78, 73, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 73, 79) }
```

Border

The CSS property to change the border of an element to YUV 75.1790, 1.8838, 2.4740 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(78, 73, 79) }
```


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

```
.border{ border-color:rgb(78, 73, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 73, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 73, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 73, 79);  
box-shadow:4px 4px 4px 4px rgb(78, 73, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1790, 1.8838, 2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 73, 79) }
```

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

```
.background{ background-color: rgb(78, 73,  
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](#).

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