

Converting Colors

YUV(79.5370, 2.2003, -5.7329)

Have a look what the booklet for
YUV(79.5370, 2.2003, -5.7329)
contains.

YUV(79.5370, 2.2003, -5.7329)	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(79.5370, 2.2003,
-5.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	495254
RGB	73, 82, 84
RGB Percent	29%, 32%, 33%
CMY	0.7137, 0.6784, 0.6706
CMYK	0.13, 0.02, 0.00, 0.67
HSL	191°, 7%, 31%
HSV	191°, 13%, 33%
XYZ	7.3652, 8.0911, 9.5611
YIQ	79.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

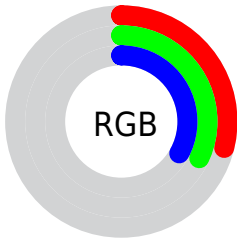
Format	Color
R_YB	73, 78, 84
Decimal	4805204
CIE Lab	34.17, -3.09, -2.39
CIE LCh	34, 3.909, 217.721
Yxy	8.0911, 0.2944, 0.3234
Android (android.graphics.Color)	4282995284 (0xFF495254)
YUV	79.5370, 2.2003, -5.7329
Hunter-Lab	28.4449, -3.5601, -0.0174

Details

The YUV color **79.5370, 2.2003, -5.7329** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77.4630, -2.2003, 5.7329**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5370, 2.2003, -5.7329**, and **34.8360, 2.0529, -5.1182** is the 20% darker color. If you saturate the color by 10%, you get **75.9710, 3.9583, -9.6216**, and if you desaturate by 10%, it is **83.1030, 0.4422, -1.8443**.

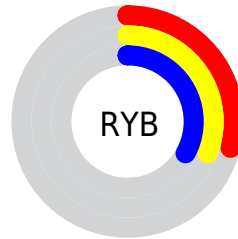
Distribution



Red (29%)

Green (32%)

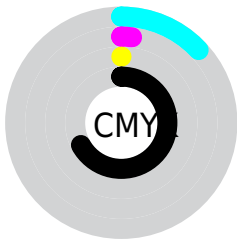
Blue (33%)



Red (29%)

Yellow (31%)

Blue (33%)

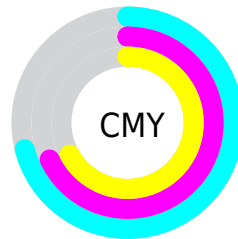


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (67%)



Cyan (71%)

Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5370, 2.2003, -5.7329 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 79.5370, 2.2003, -5.7329 by changing the saturation by 10% instead.

■ 79.5370, 2.2003,
-5.7329

■ 79.5370, 2.2003,
-5.7329

■ 255.0000, 0.0000,
0.0000

■ 56.5370, 2.2003,
-5.7329

■ 128.5370, 2.2003,
-5.7329

■ 34.8360, 2.0529,
-5.1182

■ 154.3520, 2.7845,
-6.4477

■ 13.3410, 2.7899,
-8.1921

■ 181.3520, 2.7845,
-6.4477

■ 0.0000, 0.0000,
0.0000

■ 208.9390, 2.4951,
-6.9625

■ 237.3520, 2.7845,
-6.4477

■ 79.5370, 2.2003,
-5.7329

■ 79.5370, 2.2003,
-5.7329

■ 75.9710, 3.9583,
-9.6216

■ 83.1030, 0.4422,
-1.8443

■ 72.6930, 5.5744,
-14.6398

■ 86.3810, -1.1738,
3.1739

■ 69.1270, 7.3324,
-18.5284

■ 89.9470, -2.9319,
7.0625

■ 65.8490, 8.9484,
-23.5466

■ 93.2250, -4.5479,
12.0807

■ 62.2830, 10.7065,
-27.4352

■ 96.7910, -6.3060,
15.9693

■ 59.3040, 12.1751,
-31.8386

■ 99.7700, -7.7746,
20.3727

■ 55.4390, 14.0806,
-36.3420

■ 103.6350, -9.6801,
24.8761

■ 52.4600, 15.5492,

■ 106.6140,

-40.7454

-11.1487, 29.2795

■ 50.0790, 16.7231,
-43.9193

■ 110.4790,
-13.0541, 33.7829

Harmonies

Analogous

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



79.1950, 0.8899, -5.4330



79.5370, 2.2003, -5.7329



79.7760, 3.0684, -4.1886

Triad

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



79.5370, 2.2003, -5.7329



81.2500, 0.8628, 3.2887



79.9140, -2.9156, 1.8294

Complementary

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



79.5370, 2.2003, -5.7329



77.4630, -2.2003, 5.7329

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.



80.3380, -2.6316, 4.0886



79.5370, 2.2003, -5.7329



80.9190, -0.4531, 5.3330

Square

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



79.5370, 2.2003, -5.7329



80.5810, 2.1786, 1.2445



81.1640, -2.0529, 5.1182



79.7180, -2.3260, -0.6297

Rectangle

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



79.5370, 2.2003, -5.7329



80.3740, 2.7736, -2.9590



81.1640, -2.0529, 5.1182



80.2130, -3.0630, 2.4442

Sweetspot

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



79.5370, 2.2003, -5.7329



107.9180, 1.0264, -2.5591



79.6850, -2.3097, -5.8627



55.1030, 0.4422, -1.8443



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



79.5370, 2.2003, -5.7329



102.2700, 3.8109, -9.0068



76.6020, 3.6472, -3.1590



39.2170, 0.8790, -1.9443



62.4520, 20.9762, -54.7704



137.9780, 46.3528, -121.0067

Inverse Universe

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



77.3150, 2.3097, 5.8627



98.9780, 3.4618, 9.6663



80.3980, -3.6472, 3.1590



38.5380, 0.7208, 2.1592



41.1990, 22.0869, 55.9535



91.0280, 48.7932, 123.6324

Previews

White Background



This preview shows how the YUV color 79.5370, 2.2003, -5.7329 looks on a white background.

Color Contrast Check

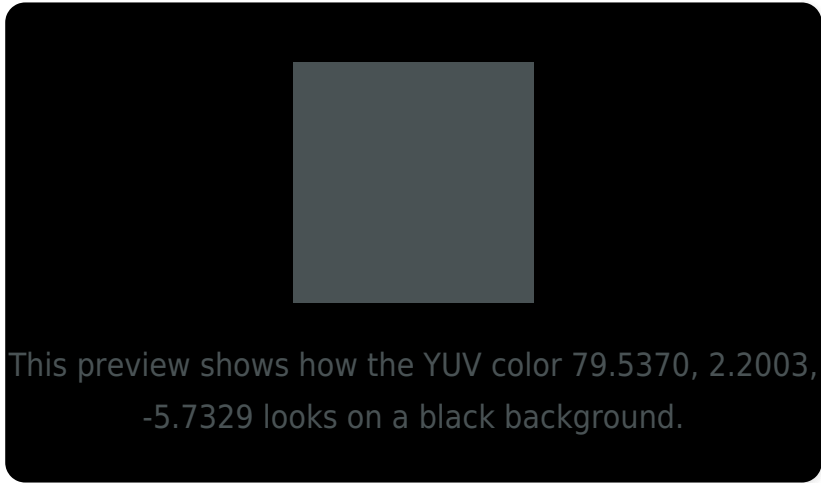
Large Text (above 18pt) WCAG AA ✓ Pass

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

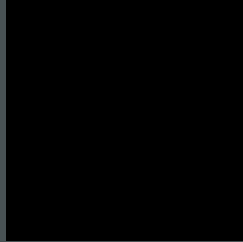
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5370, 2.2003, -5.7329

Background



This preview shows how black text looks on a background with the YUV color 79.5370, 2.2003, -5.7329.



This preview shows how white text looks on a background with the YUV color 79.5370, 2.2003, -5.7329.

-5.7329.

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

79.5370, 2.2003, -5.7329

Protanopia

80.6410, 1.1630, 0.3148

Deuteranopia

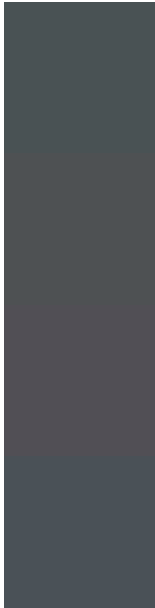
81.1900, 1.8783, 4.2184



Tritanopia

79.7050, 4.0894, -5.0033

Trichromacy



Original Color

79.5370, 2.2003, -5.7329

Protanomaly

80.3310, 1.3158, -2.0443

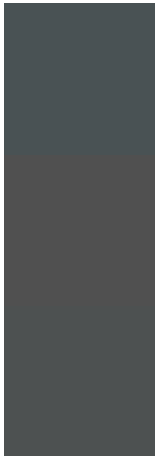
Deuteranomaly

80.2820, 2.3260, 0.6297

Tritanomaly

79.5910, 3.6526, -4.9033

Monochromacy



Original Color

79.5370, 2.2003, -5.7329

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5370, 2.2003, -5.7329 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(73, 82, 84)` looks like.

```
.text, #text, p{  
    color:rgb(73, 82, 84)  
}
```

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(73, 82, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 82, 84) }
```

Border

The CSS property to change the border of an element to YUV 79.5370, 2.2003, -5.7329 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(73, 82, 84) }
```


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

```
.border{ border-color:rgb(73, 82, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 82, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 82, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 82, 84);  
box-shadow:4px 4px 4px 4px rgb(73, 82, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.5370, 2.2003, -5.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 82, 84) }
```

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

```
.background{ background-color: rgb(73, 82,  
84) }
```

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