

# Converting Colors

YUV(75.7450, 0.1257, 6.3626)

Have a look what the booklet for  
YUV(75.7450, 0.1257, 6.3626)  
contains.

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# Color

**YUV(75.7450, 0.1257,  
6.3626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53484C
RGB	83, 72, 76
RGB Percent	33%, 28%, 30%
CMY	0.6745, 0.7176, 0.7020
CMYK	0.00, 0.13, 0.08, 0.67
HSL	338°, 7%, 30%
HSV	338°, 13%, 33%
XYZ	7.1892, 6.9955, 7.8088
YIQ	75.7450, 5.2720, 3.5760

# Conversions

## Conversions Part 2

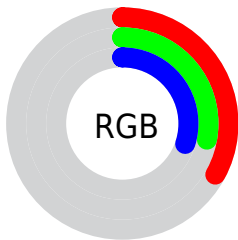
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 72, 76
Decimal	5457996
CIE Lab	31.80, 5.43, -0.69
CIE LCh	32, 5.477, 352.801
Yxy	6.9955, 0.3269, 0.3181
Android (android.graphics.Color)	4283648076 (0xFF53484C)
YUV	75.7450, 0.1257, 6.3626
Hunter-Lab	26.4491, 2.2324, 1.0095

# Details

The YUV color **75.7450, 0.1257, 6.3626** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.2550, -0.1257, -6.3626**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4570, 0.2677, 7.4922**, and **32.0330, -0.0163, 5.2331** is the 20% darker color. If you saturate the color by 10%, you get **70.4790, 0.2569, 10.9809**, and if you desaturate by 10%, it is **81.0110, -0.0054, 1.7444**.

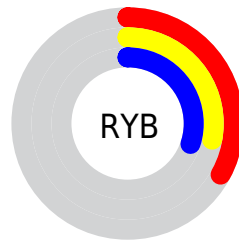
# Distribution



Red (33%)

Green (28%)

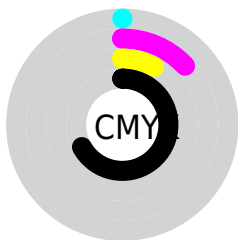
Blue (30%)



Red (33%)

Yellow (28%)

Blue (30%)

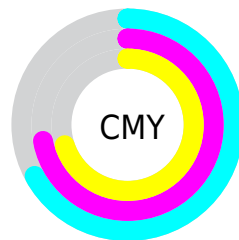


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (67%)



Cyan (67%)

Magenta (72%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.7450, 0.1257, 6.3626 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 75.7450, 0.1257, 6.3626 by changing the saturation by 10% instead.



■ 75.7450, 0.1257,  
6.3626

■ 75.7450, 0.1257,  
6.3626

■ 255.0000, 0.0000,  
0.0000

■ 53.3320, -0.1637,  
5.8478

■ 124.4570, 0.2677,  
7.4922

■ 32.0330, -0.0163,  
5.2331

■ 150.4570, 0.2677,  
7.4922

■ 7.4680, 0.2623,  
9.2366

■ 177.3430, -0.1691,  
7.5922

■ 0.0000, 0.0000,  
0.0000

■ 204.4570, 0.2677,  
7.4922

■ 232.7560, 0.1203,  
8.1070

■ 75.7450, 0.1257,  
6.3626

■ 75.7450, 0.1257,  
6.3626

■ 70.4790, 0.2569,  
10.9809

■ 81.0110, -0.0054,  
1.7444

■ 64.5120, 0.2406,  
16.2140

■ 86.9780, 0.0108,  
-3.4887

■ 59.2460, 0.3717,  
20.8323

■ 92.2440, -0.1203,  
-8.1070

■ 53.9800, 0.5029,  
25.4505

■ 97.5100, -0.2514,  
-12.7253

■ 48.1270, 0.9234,  
30.5836

■ 102.7760, -0.3826,  
-17.3436

■ 42.7470, 0.6177,  
35.3019

■ 108.7430, -0.3663,  
-22.5766

■ 37.4810, 0.7489,  
39.9202

■ 114.0090, -0.4974,  
-27.1949

■ 32.2150, 0.8800,

■ 119.2750, -0.6286,

44.5384

-31.8132

 28.2370, 0.8692,  
48.0272

 125.2420, -0.6123,  
-37.0462

# Harmonies

## Analogous

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



75.5920, 2.1731, 2.9888



75.7450, 0.1257, 6.3626



75.5880, -1.7689, 7.3773

# Triad

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



75.7450, 0.1257, 6.3626



74.6750, -3.7838, 0.2850



73.8680, 3.5161, -7.7772

# Complementary

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



75.7450, 0.1257, 6.3626



79.2550, -0.1257, -6.3626

# 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.



73.2270, 2.3531, -8.0921



75.7450, 0.1257, 6.3626



74.1090, -2.0257, -3.6036

# Square

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



75.7450, 0.1257, 6.3626



74.5830, -4.2314, 3.8737



73.3690, 0.3111, -6.4626



74.1180, 4.3788, -4.4885



# Rectangle

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



75.7450, 0.1257, 6.3626



75.2460, -3.0793, 7.6773



73.3690, 0.3111, -6.4626



73.7540, 3.0793, -7.6773

# Sweetspot

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



75.7450, 0.1257, 6.3626



104.3100, -0.1528, 2.3591



75.3470, 3.7729, 3.2037



52.0110, -0.0054, 1.7444



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



75.7450, 0.1257, 6.3626



95.7670, 0.1149, 9.8513



75.8760, -1.9109, 6.2477



38.3100, -0.1528, 2.3591



35.7270, 1.1206, 60.7524



78.9440, 2.4926, 134.2301



# Inverse Universe

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



75.7450, 0.1257, 6.3626



95.7670, 0.1149, 9.8513



79.1240, 1.9109, -6.2477



38.3100, -0.1528, 2.3591



35.7270, 1.1206, 60.7524



78.9440, 2.4926, 134.2301



# Previews

## White Background



This preview shows how the YUV color 75.7450, 0.1257, 6.3626 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

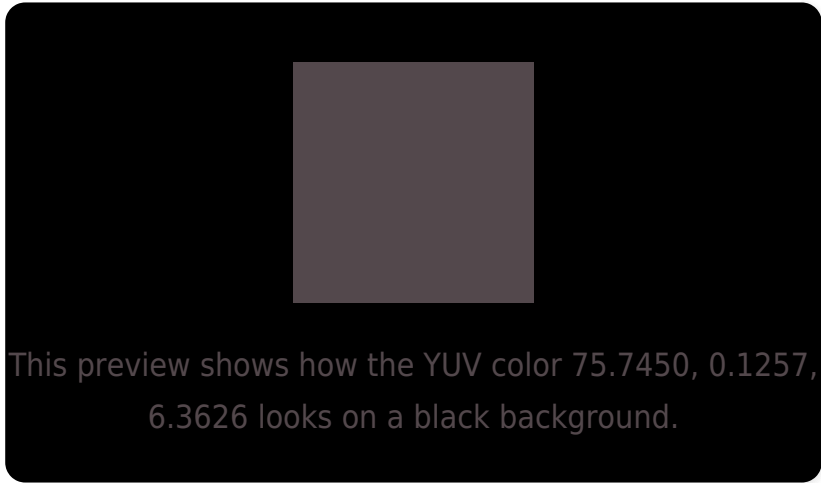
Any Text WCAG AA ✓ Pass

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

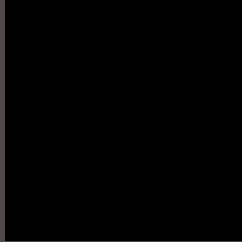
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 75.7450, 0.1257, 6.3626

## Background



This preview shows how black text looks on a background with the YUV color 75.7450, 0.1257, 6.3626.



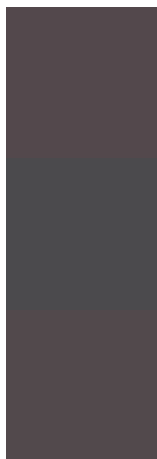
This preview shows how white text looks on a background with the YUV color 75.7450, 0.1257,



# 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

75.7450, 0.1257, 6.3626

### Protanopia

74.6410, 1.1630, 0.3148

### Deuteranopia

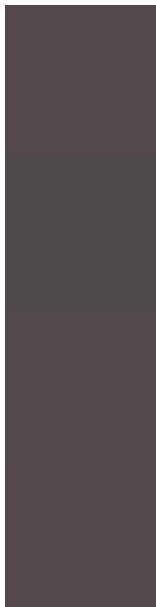
76.0330, -0.0163, 5.2331



## Tritanopia

75.8590, 0.5625, 6.2627

# Trichromacy



## Original Color

75.7450, 0.1257, 6.3626

## Protanomaly

74.9510, 1.0102, 2.6740

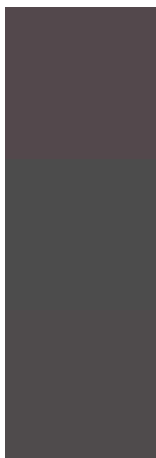
## Deuteranomaly

76.0330, -0.0163, 5.2331

## Tritanomaly

75.8590, 0.5625, 6.2627

# Monochromacy



## Original Color

75.7450, 0.1257, 6.3626

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

76.3100, -0.1528, 2.3591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.7450, 0.1257, 6.3626 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(83, 72, 76)` looks like.

```
.text, #text, p{  
    color:rgb(83, 72, 76)  
}
```

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(83, 72, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 72, 76) }
```

## Border

The CSS property to change the border of an element to YUV 75.7450, 0.1257, 6.3626 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(83, 72, 76) }
```



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

```
.border{ border-color:rgb(83, 72, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 72, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 72, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 72, 76);  
box-shadow:4px 4px 4px 4px rgb(83, 72, 76)  
}
```

# Background

The CSS property to change the background color of an element to YUV 75.7450, 0.1257, 6.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 72, 76) }
```

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

```
.background{ background-color: rgb(83, 72,  
76) }
```

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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