

Converting Colors

YUV(52.4010, 5.2253, 4.0333)

Have a look what the booklet for
YUV(52.4010, 5.2253, 4.0333)
contains.

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Color

**YUV(52.4010, 5.2253,
4.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	39303F
RGB	57, 48, 63
RGB Percent	22%, 19%, 25%
CMY	0.7765, 0.8118, 0.7529
CMYK	0.10, 0.24, 0.00, 0.75
HSL	276°, 14%, 22%
HSV	276°, 24%, 25%
XYZ	3.6415, 3.3426, 5.1559
YIQ	52.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

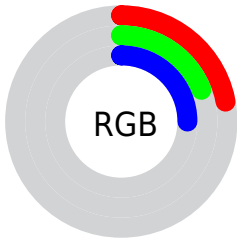
Format	Color
R_{YB}	57, 48, 63
Decimal	3747903
CIE Lab	21.37, 7.49, -7.93
CIE LCh	21, 10.911, 313.378
Yxy	3.3426, 0.3000, 0.2753
Android (android.graphics.Color)	4281937983 (0xFF39303F)
YUV	52.4010, 5.2253, 4.0333
Hunter-Lab	18.2829, 3.5577, -3.9221

Details

The YUV color **52.4010, 5.2253, 4.0333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58.5990, -5.2253, -4.0333**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9280, 5.9515, 4.4481**, and **6.8790, 6.9617, 7.1221** is the 20% darker color. If you saturate the color by 10%, you get **47.9820, 7.4039, 5.2778**, and if you desaturate by 10%, it is **56.8200, 3.0467, 2.7889**.

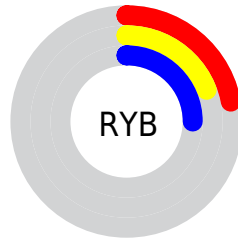
Distribution



Red (22%)

Green (19%)

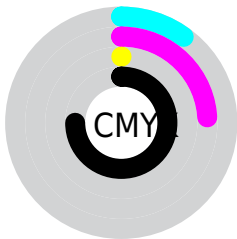
Blue (25%)



Red (22%)

Yellow (19%)

Blue (25%)

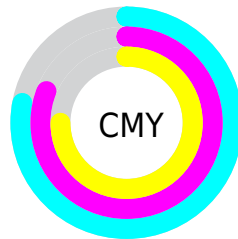


Cyan (10%)

Magenta (24%)

Yellow (0%)

Black (75%)



Cyan (78%)

Magenta (81%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4010, 5.2253, 4.0333 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 52.4010, 5.2253, 4.0333 by changing the saturation by 10% instead.

■ 52.4010, 5.2253,
4.0333

■ 52.4010, 5.2253,
4.0333

■ 255.0000, 0.0000,
0.0000

■ 30.9880, 4.9359,
3.5185

■ 98.9280, 5.9515,
4.4481

■ 6.8790, 6.9617,
7.1221

■ 123.9280, 5.9515,
4.4481

■ 0.0000, 0.0000,
0.0000

■ 149.3410, 6.2409,
4.9629

■ 176.3410, 6.2409,
4.9629

■ 203.7540, 6.5303,
5.4777

■ 231.7540, 6.5303,

5.4777

■ 52.4010, 5.2253,
4.0333

■ 52.4010, 5.2253,
4.0333

■ 47.9820, 7.4039,
5.2778

■ 56.8200, 3.0467,
2.7889

■ 43.2750, 9.7244,
7.6518

■ 61.5270, 0.7262,
0.4148

■ 38.8560, 11.9030,
8.8963

■ 65.9460, -1.4524,
-0.8296

■ 34.7360, 13.9342,
10.7555

■ 70.0660, -3.4835,
-2.6889

■ 29.7300, 16.4021,
12.5148

■ 75.0720, -5.9515,
-4.4481

■ 25.6100, 18.4333,
14.3740

■ 79.1920, -7.9827,
-6.3074

■ 21.1910, 20.6118,
15.6185

■ 83.6110, -10.1612,
-7.5518

■ 18.5440, 21.9168,
17.0629

■ 87.7310, -12.1924,
-9.4111

■ 92.7370, -14.6603,
-11.1703

Harmonies

Analogous

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



51.3290, 7.7258, -4.6735



52.4010, 5.2253, 4.0333



52.5220, 1.7147, 10.0662

Triad

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



52.4010, 5.2253, 4.0333



51.1060, -7.4473, 8.6770



47.8130, 3.5432, -16.4990

Complementary

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



52.4010, 5.2253, 4.0333



58.5990, -5.2253, -4.0333

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.



47.9940, -0.9830, -11.3957



52.4010, 5.2253, 4.0333



50.4750, -7.1362, 2.2144

Square

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



52.4010, 5.2253, 4.0333



51.9970, -5.4215, 12.2806



49.3000, -5.0779, -4.6481



47.7250, 7.0376, -17.2988

Rectangle

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



52.4010, 5.2253, 4.0333



52.2620, -0.6222, 12.9252



49.3000, -5.0779, -4.6481



48.0690, 1.9380, -14.9695

Sweetspot

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



52.4010, 5.2253, 4.0333



77.5810, 2.1786, 1.2445



53.2320, 4.8156, -4.5885



38.6410, 1.1630, 0.3148



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



52.4010, 5.2253, 4.0333



64.9220, 8.4195, 6.2074



54.0810, 3.9041, 7.8220



28.6410, 1.1630, 0.3148



27.7590, 32.6568, 25.6444



65.0750, 77.3640, 59.5702

Inverse Universe

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



53.1690, 0.4097, 8.6218



66.2020, 0.3934, 13.8548



56.9190, -3.9041, -7.8220



29.0110, -0.0054, 1.7444



32.4380, 2.7421, 53.9899



76.5240, 6.1507, 127.5825

Previews

White Background



This preview shows how the YUV color 52.4010, 5.2253, 4.0333 looks on a white background.

Color Contrast Check

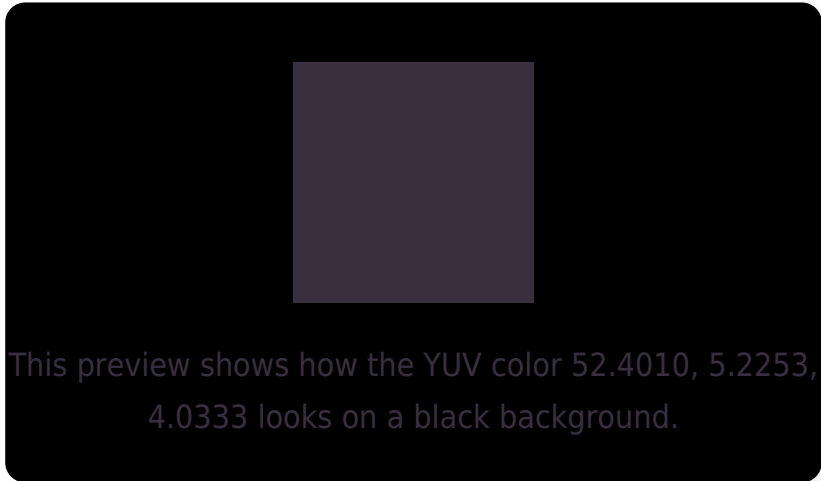
Large Text (above 18pt) WCAG AA ✓ Pass

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

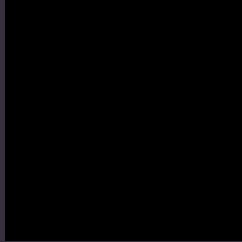
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4010, 5.2253, 4.0333

Background



This preview shows how black text looks on a background with the YUV color 52.4010, 5.2253, 4.0333.



This preview shows how white text looks on a background with the YUV color 52.4010, 5.2253,

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

52.4010, 5.2253, 4.0333

Protanopia

51.6990, 6.5574, -3.2440

Deuteranopia

51.7810, 5.5310, -0.6849



Tritanopia

52.2500, 0.8628, 3.2888

Trichromacy



Original Color

52.4010, 5.2253, 4.0333

Protanomaly

51.8950, 5.9678, -0.7849

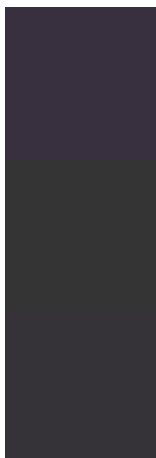
Deuteranomaly

51.7920, 5.5255, 1.0594

Tritanomaly

52.0050, 2.4625, 3.5036

Monochromacy



Original Color

52.4010, 5.2253, 4.0333

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.4670, 1.7418, 1.3444

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4010, 5.2253, 4.0333 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(57, 48, 63)` looks like.

```
.text, #text, p{  
    color:rgb(57, 48, 63)  
}
```

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(57, 48, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 48, 63) }
```

Border

The CSS property to change the border of an element to YUV 52.4010, 5.2253, 4.0333 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(57, 48, 63) }
```


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

```
.border{ border-color:rgb(57, 48, 63) }
```

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

Here you see how a box with a 4 pixel rgb(57, 48, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 48, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 48, 63);  
box-shadow:4px 4px 4px 4px rgb(57, 48, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4010, 5.2253, 4.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 48, 63) }
```

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

```
.background{ background-color: rgb(57, 48,  
63) }
```

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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