

Converting Colors

YUV(41.1040, -1.0373, 6.0478)

Have a look what the booklet for
YUV(41.1040, -1.0373, 6.0478)
contains.

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Color

**YUV(41.1040, -1.0373,
6.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	302627
RGB	48, 38, 39
RGB Percent	19%, 15%, 15%
CMY	0.8118, 0.8510, 0.8471
CMYK	0.00, 0.21, 0.19, 0.81
HSL	354°, 12%, 17%
HSV	354°, 21%, 19%
XYZ	2.2782, 2.1611, 2.2165
YIQ	41.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

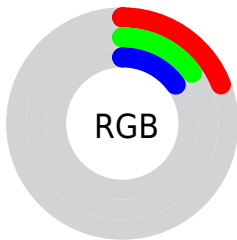
Format	Color
R_{YB}	48, 38, 39
Decimal	3155495
CIE Lab	16.31, 4.89, 1.10
CIE LCh	16, 5.015, 12.660
Yxy	2.1611, 0.3423, 0.3247
Android (android.graphics.Color)	4281345575 (0xFF302627)
YUV	41.1040, -1.0373, 6.0478
Hunter-Lab	14.7006, 1.9371, 1.3509

Details

The YUV color **41.1040, -1.0373, 6.0478** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.8960, 1.0373, -6.0478**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.4030, -1.1847, 6.6626**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.7130, -1.3375, 9.0217**, and if you desaturate by 10%, it is **44.4950, -0.7370, 3.0739**.

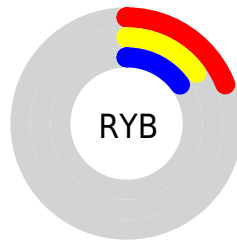
Distribution



Red (19%)

Green (15%)

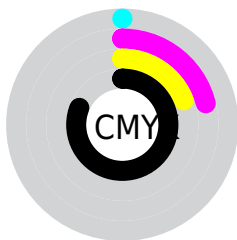
Blue (15%)



Red (19%)

Yellow (15%)

Blue (15%)

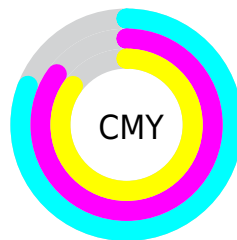


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1040, -1.0373, 6.0478 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 41.1040, -1.0373, 6.0478 by changing the saturation by 10% instead.

■ 41.1040, -1.0373,
6.0478

■ 41.1040, -1.0373,
6.0478

■ 255.0000, 0.0000,
0.0000

■ 20.1040, -1.0373,
6.0478

■ 86.4030, -1.1847,
6.6626

■ 0.0000, 0.0000,
0.0000

■ 110.7020, -1.3321,
7.2773

■ 136.0010, -1.4795,
7.8921

■ 162.0010, -1.4795,
7.8921

■ 189.0010, -1.4795,
7.8921

■ 217.0010, -1.4795,

7.8921

245.3000, -1.6269,
8.5069

41.1040, -1.0373,
6.0478

41.1040, -1.0373,
6.0478

37.7130, -1.3375,
9.0217

44.4950, -0.7370,
3.0739

34.2080, -2.0745,
12.0956

48.0000, 0.0000,
0.0000

31.4040, -2.6642,
14.5547

50.8040, 0.5896,
-2.4591

28.0130, -2.9644,
17.5286

54.1950, 0.8899,
-5.4330

24.5080, -3.7014,
20.6025

57.7000, 1.6269,
-8.5069

■ 21.1170, -4.0017,
23.5764

■ 61.0910, 1.9271,
-11.4808

■ 17.7260, -4.3019,
26.5503

■ 64.4820, 2.2274,
-14.4547

■ 14.9220, -4.8915,
29.0094

■ 67.4000, 3.2538,
-17.0138

■ 70.7910, 3.5540,
-19.9877

Harmonies

Analogous

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



40.9620, 1.0047, 4.4183



41.1040, -1.0373, 6.0478



40.7620, -2.3477, 6.3477

Triad

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



41.1040, -1.0373, 6.0478



40.0060, -2.4680, -1.7593



39.5910, 3.6526, -4.9033

Complementary

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



41.1040, -1.0373, 6.0478



44.8960, 1.0373, -6.0478

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.



39.3520, 2.7845, -6.4477



41.1040, -1.0373, 6.0478



39.1520, -0.5679, -4.5183

Square

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



41.1040, -1.0373, 6.0478



40.3870, -3.6418, 1.4146



39.5970, 1.1847, -6.6626



40.2000, 3.3524, -1.9294

Rectangle

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



41.1040, -1.0373, 6.0478



40.5230, -3.2158, 4.8033



39.5970, 1.1847, -6.6626



39.8790, 3.5107, -6.0329

Sweetspot

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



41.1040, -1.0373, 6.0478



58.8970, -0.4422, 1.8443



41.8310, 3.0413, 4.5332



29.0110, -0.0054, 1.7444



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



41.1040, -1.0373, 6.0478



50.5990, -1.7743, 9.1217



43.3380, -2.6316, 4.0886



21.5980, -0.2948, 1.2296



27.0390, -8.8932, 52.5858



66.3800, -22.3723, 129.4627

Inverse Universe

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



41.1040, -1.0373, 6.0478



50.5990, -1.7743, 9.1217



42.6620, 2.6316, -4.0886



21.5980, -0.2948, 1.2296



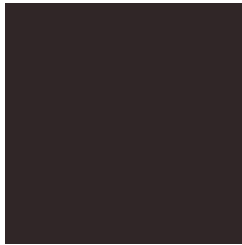
27.0390, -8.8932, 52.5858



66.3800, -22.3723, 129.4627

Previews

White Background



This preview shows how the YUV color 41.1040, -1.0373, 6.0478 looks on a white background.

Color Contrast Check

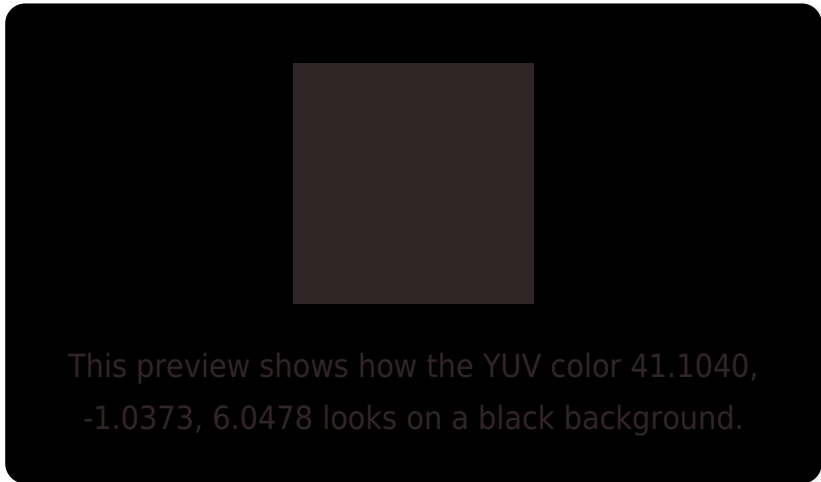
Large Text (above 18pt) WCAG AA ✓ Pass

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

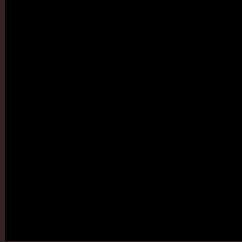
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.1040, -1.0373, 6.0478

Background



This preview shows how black text looks on a background with the YUV color 41.1040, -1.0373, 6.0478.

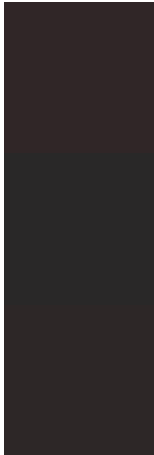


This preview shows how white text looks on a background with the YUV color 41.1040, -1.0373,

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

41.1040, -1.0373, 6.0478

Protanopia

40.2990, -0.1474, 0.6148

Deuteranopia

40.7940, -0.8844, 3.6887



Tritanopia

41.3320, -0.1637, 5.8478

Trichromacy



Original Color

41.1040, -1.0373, 6.0478

Protanomaly

40.6090, -0.3002, 2.9739

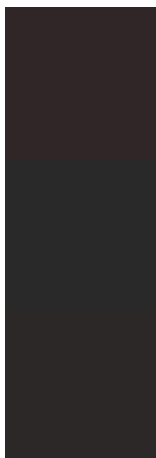
Deuteranomaly

41.0930, -1.0318, 4.3034

Tritanomaly

41.2180, -0.6005, 5.9478

Monochromacy



Original Color

41.1040, -1.0373, 6.0478

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1040, -1.0373, 6.0478 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(48, 38, 39)` looks like.

```
.text, #text, p{  
    color:rgb(48, 38, 39)  
}
```

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(48, 38, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 38, 39) }
```

Border

The CSS property to change the border of an element to YUV 41.1040, -1.0373, 6.0478 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(48, 38, 39) }
```


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

```
.border{ border-color:rgb(48, 38, 39) }
```

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

Here you see how a box with a 4 pixel rgb(48, 38, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 38, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 38, 39);  
box-shadow:4px 4px 4px 4px rgb(48, 38, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.1040, -1.0373, 6.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 38, 39) }
```

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

```
.background{ background-color: rgb(48, 38,  
39) }
```

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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