

Converting Colors

YUV(41.1800, 0.4043, 10.3661)

Have a look what the booklet for
YUV(41.1800, 0.4043, 10.3661)
contains.

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Color

**YUV(41.1800, 0.4043,
10.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	35232A
RGB	53, 35, 42
RGB Percent	21%, 14%, 16%
CMY	0.7922, 0.8627, 0.8353
CMYK	0.00, 0.34, 0.21, 0.79
HSL	337°, 20%, 17%
HSV	337°, 34%, 21%
XYZ	2.4871, 2.1261, 2.4698
YIQ	41.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

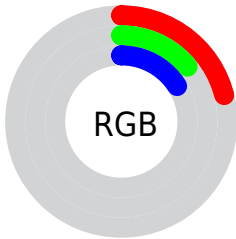
Format	Color
R_{YB}	53, 35, 42
Decimal	3482410
CIE Lab	16.14, 9.93, -1.21
CIE LCh	16, 10.000, 353.059
Yxy	2.1261, 0.3511, 0.3002
Android (android.graphics.Color)	4281672490 (0xFF35232A)
YUV	41.1800, 0.4043, 10.3661
Hunter-Lab	14.5812, 4.9300, 0.1642

Details


The YUV color **41.1800, 0.4043, 10.3661** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.8200, -0.4043, -10.3661**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.7780, 0.1094, 11.5957**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.9030, 0.5408, 13.2401**, and if you desaturate by 10%, it is **44.4570, 0.2677, 7.4922**.

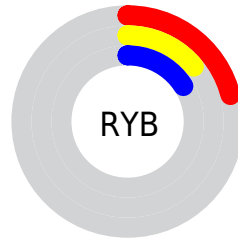
Distribution




 Red (21%)

 Green (14%)

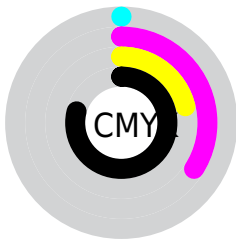
 Blue (16%)



 Red (21%)

 Yellow (14%)

 Blue (16%)

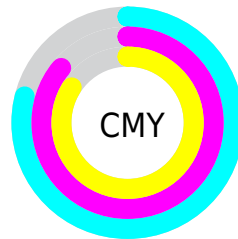


 Cyan (0%)


 Magenta (34%)

 Yellow (21%)

 Black (79%)



 Cyan (79%)

 Magenta (86%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1800, 0.4043, 10.3661 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 41.1800, 0.4043, 10.3661 by changing the saturation by 10% instead.

■ 41.1800, 0.4043,
10.3661

■ 41.1800, 0.4043,
10.3661

■ 255.0000, 0.0000,
0.0000

■ 20.2940, 0.8411,
10.2662

■ 86.7780, 0.1094,
11.5957

■ 0.0000, 0.0000,
0.0000

■ 111.1910, 0.3988,
12.1105


■ 136.4900, 0.2514,
12.7253


■ 162.7890, 0.1040,
13.3400


■ 189.7890, 0.1040,
13.3400


■ 217.5010, 0.2460,

14.4696


 243.9950, 0.9885,
9.6514


 41.1800, 0.4043,
10.3661


 41.1800, 0.4043,
10.3661


 37.9030, 0.5408,
13.2401


 44.4570, 0.2677,
7.4922


 34.0390, 0.9668,
16.6288

 48.3210, -0.1583,
4.1035


 30.6480, 0.6665,
19.6027

 51.7120, 0.1420,
1.1296

 27.3710, 0.8031,
22.4766

 54.9890, 0.0054,
-1.7444

 23.5070, 1.2290,
25.8654

 58.8530, -0.4205,
-5.1331

■ 20.2300, 1.3656,
28.7393

■ 62.1300, -0.5571,
-8.0070

■ 18.2410, 1.3602,
30.4836

■ 65.5210, -0.2569,
-10.9809

■ 68.7980, -0.3934,
-13.8548

■ 72.6620, -0.8194,
-17.2436

Harmonies

Analogous

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



41.0700, 3.9095, 6.0776



41.1800, 0.4043, 10.3661



40.6810, -2.8007, 11.6808

Triad

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



41.1800, 0.4043, 10.3661



38.8060, -5.8204, 0.1701



37.3340, 6.7373, -14.3249

Complementary

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



41.1800, 0.4043, 10.3661



46.8200, -0.4043, -10.3661

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.



36.6390, 4.1220, -15.4694



41.1800, 0.4043, 10.3661



38.0440, -3.4727, -6.1776

Square

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



41.1800, 0.4043, 10.3661



39.9100, -6.8576, 6.2179



37.3360, 0.3274, -11.6957



38.8940, 7.4473, -8.6770

Rectangle

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



41.1800, 0.4043, 10.3661



40.5130, -4.6899, 10.9511



37.3360, 0.3274, -11.6957



36.5080, 6.1586, -15.3545

Sweetspot

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



41.1800, 0.4043, 10.3661



64.4350, 0.2785, 4.0035



40.3410, 6.2409, 4.9629



32.7230, 0.1366, 2.8739



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



41.1800, 0.4043, 10.3661



50.6260, 0.6774, 16.1140



41.5560, -3.2321, 10.0364



24.0110, -0.0054, 1.7444



30.6010, 2.1687, 51.2159



74.4590, 4.7037, 125.0085

Inverse Universe

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



41.1800, 0.4043, 10.3661



50.6260, 0.6774, 16.1140



46.4440, 3.2321, -10.0364



24.0110, -0.0054, 1.7444



30.6010, 2.1687, 51.2159



74.4590, 4.7037, 125.0085

Previews

White Background



This preview shows how the YUV color 41.1800, 0.4043, 10.3661 looks on a white background.

Color Contrast Check

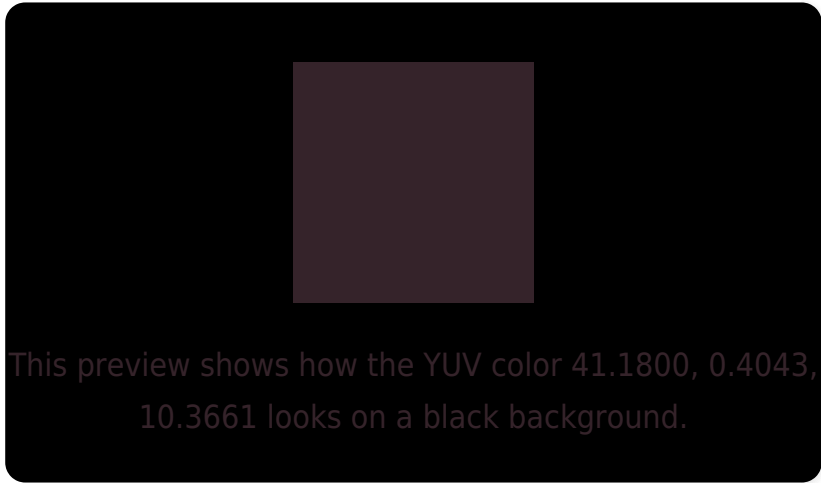
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1800, 0.4043, 10.3661

Background



This preview shows how black text looks on a background with the YUV color 41.1800, 0.4043, 10.3661.

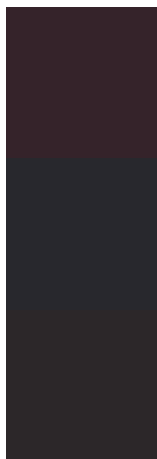


This preview shows how white text looks on a background with the YUV color 41.1800, 0.4043,

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

41.1800, 0.4043, 10.3661

Protanopia

40.5700, 2.1840, -0.4999

Deuteranopia

40.7230, 0.1366, 2.8739



Tritanopia

41.3110, -1.6323, 10.2513

Trichromacy



Original Color

41.1800, 0.4043, 10.3661

Protanomaly

40.7770, 1.5889, 3.7036

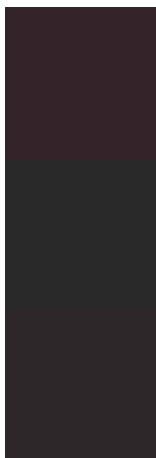
Deuteranomaly

41.0330, -0.0163, 5.2331

Tritanomaly

41.4250, -1.1955, 10.1513

Monochromacy



Original Color

41.1800, 0.4043, 10.3661

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1800, 0.4043, 10.3661 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(53, 35, 42)` looks like.

```
.text, #text, p{  
    color:rgb(53, 35, 42)  
}
```

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(53, 35, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 35, 42) }
```

Border

The CSS property to change the border of an element to YUV 41.1800, 0.4043, 10.3661 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(53, 35, 42) }
```


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

```
.border{ border-color:rgb(53, 35, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 35, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 35, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 35, 42);  
box-shadow:4px 4px 4px 4px rgb(53, 35, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.1800, 0.4043, 10.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 35, 42) }
```

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

```
.background{ background-color: rgb(53, 35,  
42) }
```

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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