

Converting Colors

YUV(41.8330, -3.3687, 7.1625)

Have a look what the booklet for
YUV(41.8330, -3.3687, 7.1625)
contains.

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Color

**YUV(41.8330, -3.3687,
7.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	322723
RGB	50, 39, 35
RGB Percent	20%, 15%, 14%
CMY	0.8039, 0.8471, 0.8627
CMYK	0.00, 0.22, 0.30, 0.80
HSL	16°, 18%, 17%
HSV	16°, 30%, 20%
XYZ	2.3443, 2.2505, 1.9009
YIQ	41.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

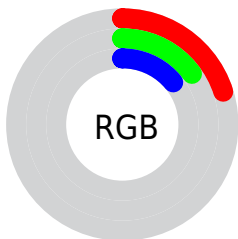
Format	Color
R_{YB}	50, 40, 35
Decimal	3286819
CIE _{Lab}	16.75, 4.38, 4.58
CIE _{LCh}	17, 6.338, 46.306
Yxy	2.2505, 0.3609, 0.3465
Android (android.graphics.Color)	4281476899 (0xFF322723)
YUV	41.8330, -3.3687, 7.1625
Hunter-Lab	15.0017, 1.6410, 2.9882

Details

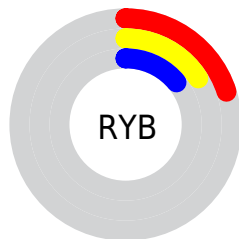
The YUV color **41.8330, -3.3687, 7.1625** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.1670, 3.3687, -7.1625**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.3170, -4.1003, 8.4920**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.9150, -4.3951, 9.7215**, and if you desaturate by 10%, it is **44.7510, -2.3422, 4.6034**.

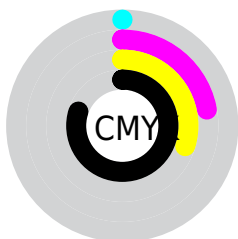
Distribution



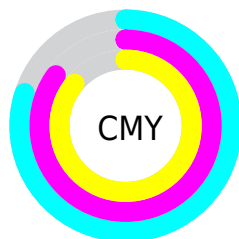
- Red (20%)
- Green (15%)
- Blue (14%)



- Red (20%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (80%)



- Cyan (80%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8330, -3.3687, 7.1625 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 41.8330, -3.3687, 7.1625 by changing the saturation by 10% instead.

■ 41.8330, -3.3687,
7.1625

■ 41.8330, -3.3687,
7.1625

255.0000, 0.0000,
0.0000

■ 21.3060, -4.0949,
6.7476

■ 87.3170, -4.1003,
8.4920

■ 0.0000, 0.0000,
0.0000

■ 111.3170, -4.1003,
8.4920

■ 136.6160, -4.2477,
9.1068

■ 162.9150, -4.3951,
9.7215

■ 189.9150, -4.3951,
9.7215

■ 218.2140, -4.5425,

10.3363

■ 245.9040, -4.3897,
7.9772

■ 41.8330, -3.3687,
7.1625

■ 41.8330, -3.3687,
7.1625

■ 38.9150, -4.3951,
9.7215

■ 44.7510, -2.3422,
4.6034

■ 36.5840, -5.7109,
11.7658

■ 47.0820, -1.0264,
2.5591

■ 33.6660, -6.7373,
14.3249

■ 50.0000, 0.0000,
0.0000

■ 30.7480, -7.7638,
16.8840

■ 52.9180, 1.0264,
-2.5591

■ 28.4170, -9.0796,
18.9283

■ 55.2490, 2.3422,
-4.6034

■ 25.4990, -10.1060,
21.4874

■ 58.1670, 3.3687,
-7.1625

■ 22.5810, -11.1324,
24.0465

■ 61.0850, 4.3951,
-9.7215

■ 63.4160, 5.7109,
-11.7658

■ 66.3340, 6.7373,
-14.3249

Harmonies

Analogous

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



42.0010, -1.4795, 7.8921



41.8330, -3.3687, 7.1625



41.2950, -4.0894, 5.0033

Triad

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



41.8330, -3.3687, 7.1625



39.8420, -0.4151, -6.8774



41.7270, 4.0786, -1.5146

Complementary

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



41.8330, -3.3687, 7.1625



43.1670, 3.3687, -7.1625

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.



40.5200, 4.6736, -5.7180



41.8330, -3.3687, 7.1625



39.8140, 2.0637, -8.6069

Square

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



41.8330, -3.3687, 7.1625



40.2940, -2.6099, -2.8888



39.6830, 4.1003, -8.4920



41.8200, 3.0467, 2.7889

Rectangle

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



41.8330, -3.3687, 7.1625



40.8710, -4.3734, 2.7441



39.6830, 4.1003, -8.4920



41.1290, 4.3734, -2.7441

Sweetspot

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



41.8330, -3.3687, 7.1625



60.9680, -1.4632, 2.6591



40.7390, 2.5937, 8.1219



30.8970, -0.4422, 1.8443



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



41.8330, -3.3687, 7.1625



51.3990, -5.1267, 11.0511



46.5290, -5.6838, 3.0441



24.4840, -0.7316, 1.3295



40.6990, -20.0646, 42.3600



98.9290, -48.7720, 103.5483

Inverse Universe

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



43.1670, 3.3687, -7.1625



53.6010, 5.1267, -11.0511



39.0580, 5.3944, -3.5589



24.5160, 0.7316, -1.3295



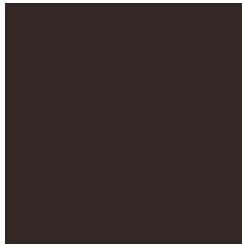
48.3010, 20.0646, -42.3600



118.0710, 48.7720, -103.5483

Previews

White Background



This preview shows how the YUV color 41.8330, -3.3687, 7.1625 looks on a white background.

Color Contrast Check

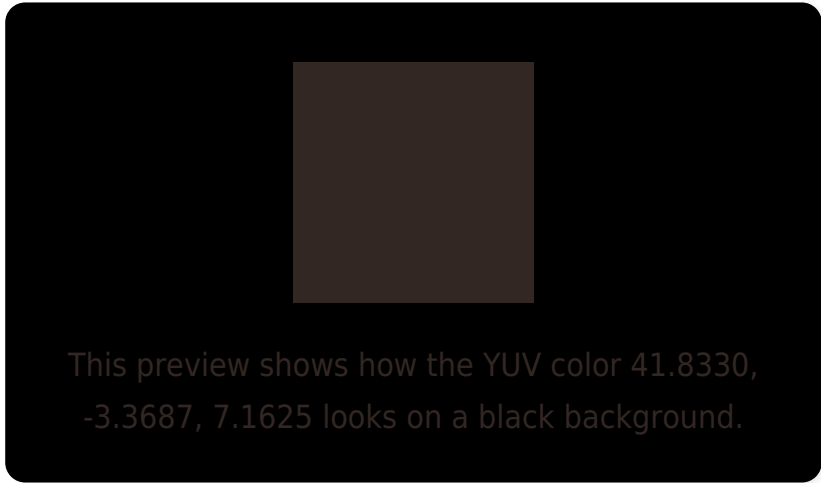
Large Text (above 18pt) WCAG AA ✓ Pass

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

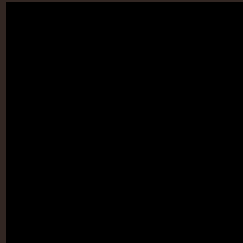
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8330, -3.3687, 7.1625

Background



This preview shows how black text looks on a background with the YUV color 41.8330, -3.3687, 7.1625.



This preview shows how white text looks on a background with the YUV color 41.8330, -3.3687,

7.1625.

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

41.8330, -3.3687, 7.1625

Protanopia

41.0280, -2.4788, 1.7294

Deuteranopia

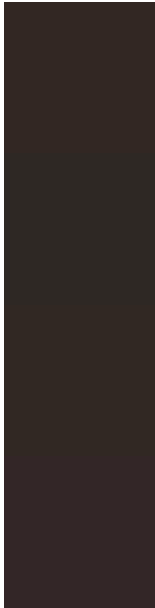
41.8220, -3.3632, 5.4181



Tritanopia

42.2290, -0.6059, 7.6922

Trichromacy



Original Color

41.8330, -3.3687, 7.1625

Protanomaly

41.3380, -2.6316, 4.0886

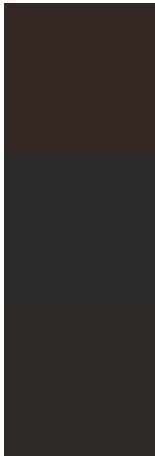
Deuteranomaly

42.1210, -3.5107, 6.0329

Tritanomaly

42.0010, -1.4795, 7.8921

Monochromacy



Original Color

41.8330, -3.3687, 7.1625

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9680, -1.4632, 2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8330, -3.3687, 7.1625 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(50, 39, 35)` looks like.

```
.text, #text, p{  
    color:rgb(50, 39, 35)  
}
```

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(50, 39, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 39, 35) }
```

Border

The CSS property to change the border of an element to YUV 41.8330, -3.3687, 7.1625 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(50, 39, 35) }
```


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

```
.border{ border-color:rgb(50, 39, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 39, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 39, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 39, 35);  
box-shadow:4px 4px 4px 4px rgb(50, 39, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8330, -3.3687, 7.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 39, 35) }
```

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

```
.background{ background-color: rgb(50, 39,  
35) }
```

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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