

Converting Colors

YUV(42.7650, -3.8281, -32.2429)

Have a look what the booklet for
YUV(42.7650, -3.8281, -32.2429)
contains.

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Color

**YUV(42.7650, -3.8281,
-32.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	063F23
RGB	6, 63, 35
RGB Percent	2%, 25%, 14%
CMY	0.9765, 0.7529, 0.8627
CMYK	0.90, 0.00, 0.44, 0.75
HSL	151°, 83%, 14%
HSV	151°, 90%, 25%
XYZ	2.1560, 3.7151, 2.1936
YIQ	42.7650, -24.9840, -20.7920

Conversions

Conversions Part 2

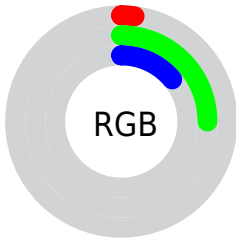
Format	Color
RYB	6, 44, 63
Decimal	409379
CIELab	22.71, -25.30, 12.31
CIELCh	23, 28.137, 154.045
Yxy	3.7151, 0.2673, 0.4607
Android (android.graphics.Color)	4278599459 (0xFF063F23)
YUV	42.7650, -3.8281, -32.2429
Hunter-Lab	19.2745, -13.7641, 6.7446

Details

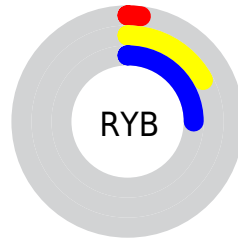
The YUV color **42.7650, -3.8281, -32.2429** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26.2350, 3.8281, 32.2429**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.9180, -5.8756, -28.8691**, and **9.9790, -4.9196, -8.7516** is the 20% darker color. If you saturate the color by 10%, you get **40.6290, -4.2541, -35.6316**, and if you desaturate by 10%, it is **44.9010, -3.4022, -28.8542**.

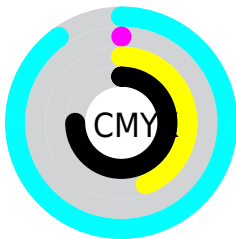
Distribution



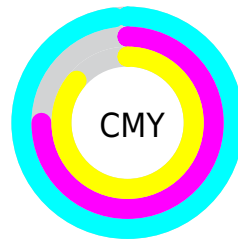
- Red (2%)
- Green (25%)
- Blue (14%)



- Red (2%)
- Yellow (17%)
- Blue (25%)



- Cyan (90%)
- Magenta (0%)
- Yellow (44%)
- Black (75%)



- Cyan (98%)
- Magenta (75%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7650, -3.8281, -32.2429 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 42.7650, -3.8281, -32.2429 by changing the saturation by 10% instead.

■ 42.7650, -3.8281,
-32.2429

■ 42.7650, -3.8281,
-32.2429

■ 252.6080, 1.1793,
-4.9182

■ 25.6630, -5.7499,
-22.5065

■ 91.9180, -5.8756,
-28.8691

■ 9.9790, -4.9196,
-8.7516

■ 117.3910, -6.6018,
-29.2839

■ 0.0000, 0.0000,
0.0000

■ 143.2770, -7.0386,
-29.1839


■ 170.4510, -7.6173,
-30.2135


■ 198.0380, -7.9067,
-30.7283


■ 225.7390, -7.7593,


-31.3431


 241.9990, -1.9715,
-21.0471


 42.7650, -3.8281,
-32.2429


 42.7650, -3.8281,
-32.2429

 40.6290, -4.2541,
-35.6316

 44.9010, -3.4022,
-28.8542

 47.3360, -3.1236,
-24.8507

 49.4720, -2.6977,
-21.4619

 51.6080, -2.2717,
-18.0732

 53.7440, -1.8458,
-14.6845

■ 56.2930, -1.1304,
-10.7810

■ 58.4290, -0.7045,
-7.3922

■ 60.5650, -0.2785,
-4.0035

■ 63.0000, 0.0000,
0.0000

Harmonies

Analogous

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



49.4170, -15.9816, -7.3817



42.7650, -3.8281, -32.2429



44.0660, 6.3765, -38.6459

Triad

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



42.7650, -3.8281, -32.2429



47.4040, 23.9578, -31.0493



52.8640, -10.2860, 32.5683

Complementary

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



42.7650, -3.8281, -32.2429



26.2350, 3.8281, 32.2429

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.



53.9810, -0.9766, 33.3427



42.7650, -3.8281, -32.2429



55.3760, 16.5766, 3.1782

Square

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



42.7650, -3.8281, -32.2429



46.2950, 22.5326, -40.6007



55.7330, 8.5126, 23.0362



52.7460, -18.1158, 23.9018

Rectangle

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



42.7650, -3.8281, -32.2429



45.6620, 12.4916, -40.0456



55.7330, 8.5126, 23.0362



52.9720, -7.3812, 34.2276

Sweetspot

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



42.7650, -3.8281, -32.2429



74.1680, -1.5618, -12.4253



48.1300, -20.7701, -11.5150



36.3150, -1.1413, -7.2923



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.



42.7650, -3.8281, -32.2429



52.9220, -5.3845, -46.4126



45.9570, 8.4022, -35.0423



29.8750, -0.4314, -1.6444



60.6500, -6.2364, -53.1900



143.1960, -14.8866, -125.5829

Inverse Universe

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



26.2350, 3.8281, 32.2429



29.0780, 5.3845, 46.4126



23.0430, -8.4022, 35.0423



29.0110, -0.0054, 1.7444



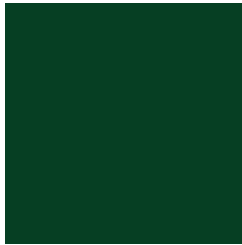
33.3500, 6.2365, 53.1901



78.8040, 14.8866, 125.5829

Previews

White Background



This preview shows how the YUV color 42.7650, -3.8281, -32.2429 looks on a white background.

Color Contrast Check

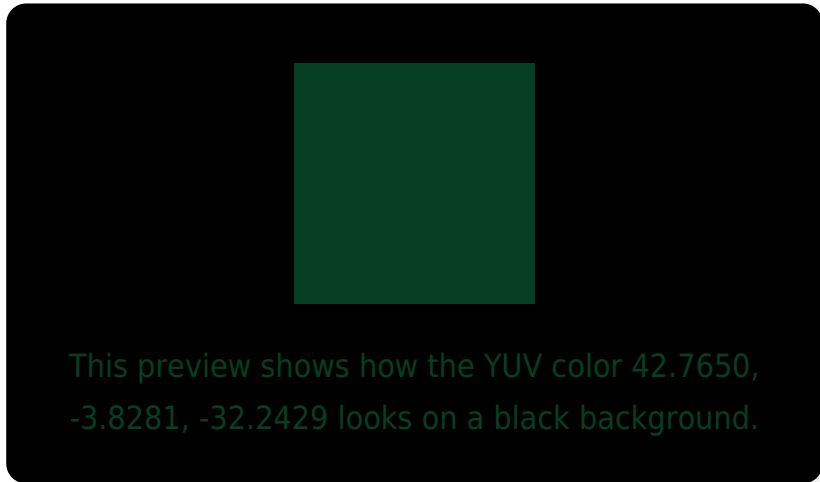
Large Text (above 18pt) WCAG AA ✓ Pass

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

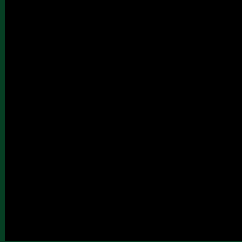
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7650, -3.8281, -32.2429

Background



This preview shows how black text looks on a background with the YUV color 42.7650, -3.8281, -32.2429.



This preview shows how white text looks on a background with the YUV color 42.7650, -3.8281, -32.2429.

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

42.7650, -3.8281, -32.2429

Protanopia

53.8730, -10.7834, 5.3734

Deuteranopia

54.2910, -8.0315, 9.3918



Tritanopia

49.6920, 7.0538, -22.5319

Trichromacy



Original Color

42.7650, -3.8281, -32.2429

Protanomaly

49.7680, -8.2666, -8.5665

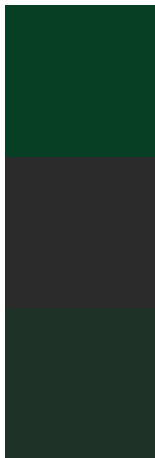
Deuteranomaly

50.2460, -6.5303, -5.4777

Tritanomaly

46.9320, 2.9915, -26.2504

Monochromacy



Original Color

42.7650, -3.8281, -32.2429

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7650, -3.8281, -32.2429 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(6, 63, 35)` looks like.

```
.text, #text, p{  
    color:rgb(6, 63, 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(6, 63, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 63, 35) }
```

Border

The CSS property to change the border of an element to YUV 42.7650, -3.8281, -32.2429 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(6, 63, 35) }
```


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

```
.border{ border-color:rgb(6, 63, 35) }
```

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

Here you see how a box with a 4 pixel rgb(6, 63, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 63, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 63, 35); box-shadow:4px  
4px 4px 4px rgb(6, 63, 35) }
```

Background

The CSS property to change the background color of an element to YUV 42.7650, -3.8281, -32.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 63, 35) }
```

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

```
.background{ background-color: rgb(6, 63,  
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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