

Converting Colors

YUV(41.4390, 4.2206, -0.3850)

Have a look what the booklet for
YUV(41.4390, 4.2206, -0.3850)
contains.

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Color

**YUV(41.4390, 4.2206,
-0.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	292832
RGB	41, 40, 50
RGB Percent	16%, 16%, 20%
CMY	0.8392, 0.8431, 0.8039
CMYK	0.18, 0.20, 0.00, 0.80
HSL	246°, 11%, 18%
HSV	246°, 20%, 20%
XYZ	2.2490, 2.2193, 3.3274
YIQ	41.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

Format	Color
R_{YB}	41, 40, 50
Decimal	2697266
CIE Lab	16.60, 3.03, -6.32
CIE LCh	17, 7.015, 295.625
Yxy	2.2193, 0.2885, 0.2847
Android (android.graphics.Color)	4280887346 (0xFF292832)
YUV	41.4390, 4.2206, -0.3850
Hunter-Lab	14.8973, 0.8770, -2.8149




Details

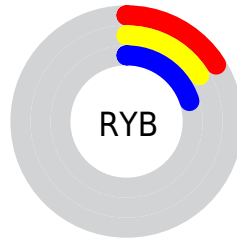
The YUV color **41.4390, 4.2206, -0.3850** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.5610, -4.2206, 0.3850**, and the grayscale version is **41.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **86.5530, 4.6574, -0.4850**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **37.3080, 6.2572, -0.2701**, and if you desaturate by 10%, it is **45.8690, 2.0366, 0.1149**.

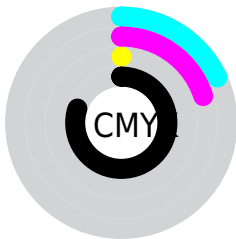
Distribution







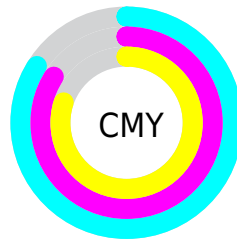
-  Red (16%)
-  Green (16%)
-  Blue (20%)






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



-  Cyan (18%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (84%)
-  Magenta (84%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4390, 4.2206, -0.3850 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 41.4390, 4.2206, -0.3850 by changing the saturation by 10% instead.

■ 41.4390, 4.2206,
-0.3850

■ 41.4390, 4.2206,
-0.3850

■ 255.0000, 0.0000,
0.0000

■ 21.3250, 3.7838,
-0.2850

■ 86.5530, 4.6574,
-0.4850

■ 0.1140, 0.4368,
-0.1000

■ 110.9660, 4.9468,
0.0298

■ 0.0000, 0.0000,
0.0000

■ 136.0800, 5.3836,
-0.0702

■ 162.6670, 5.0942,
-0.5850

■ 189.7810, 5.5310,
-0.6849

■ 217.1940, 5.8204,

-0.1701

245.8520, 4.5100,
0.1298

41.4390, 4.2206,
-0.3850

41.4390, 4.2206,
-0.3850

37.3080, 6.2572,
-0.2701

45.8690, 2.0366,
0.1149

32.8780, 8.4411,
-0.7700

50.0000, 0.0000,
0.0000

28.7470, 10.4777,
-0.6551

54.4300, -2.1840,
0.4999

24.3170, 12.6617,
-1.1550

58.5610, -4.2206,
0.3850

20.1860, 14.6983,
-1.0401

62.9910, -6.4046,
0.8849

■ 15.7560, 16.8823,
-1.5400

■ 67.1220, -8.4411,
0.7700

■ 11.6250, 18.9189,
-1.4251

■ 71.5520, -10.6251,
1.2699

■ 7.1950, 21.1029,
-1.9250

■ 75.6830, -12.6617,
1.1550

■ 79.8140, -14.6983,
1.0401

Harmonies

Analogous

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



40.6340, 5.1104, -5.8180



41.4390, 4.2206, -0.3850



41.7170, 2.6045, 4.6332

Triad

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



41.4390, 4.2206, -0.3850



41.6050, -4.2423, 7.3624



39.3580, 0.3165, -8.2070

Complementary

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



41.4390, 4.2206, -0.3850



48.5610, -4.2206, 0.3850

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.



39.6960, -2.3151, -4.1184



41.4390, 4.2206, -0.3850



40.7680, -4.8156, 4.5885

Square

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



41.4390, 4.2206, -0.3850



41.7730, -2.3531, 8.0921



40.2620, -4.0732, -0.2298



39.3300, 2.7953, -9.9364

Rectangle

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



41.4390, 4.2206, -0.3850



42.2720, 0.8519, 6.7775



40.2620, -4.0732, -0.2298



39.4290, -0.7045, -7.3922

Sweetspot

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



41.4390, 4.2206, -0.3850



60.4560, 1.7472, -0.3999



46.4230, 1.7635, -5.6330



31.2280, 0.8736, -0.2000



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.



41.4390, 4.2206, -0.3850



50.4220, 6.6940, -0.3701



42.9340, 3.4835, 2.6889



23.3420, 1.3104, -0.2999



12.8370, 37.5484, -3.3650



31.3160, 91.5422, -8.1701

Inverse Universe

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



44.0160, 2.4571, 5.2480



54.3800, 3.7567, 8.4367



47.0660, -3.4835, -2.6889



24.1250, 0.4314, 1.6444



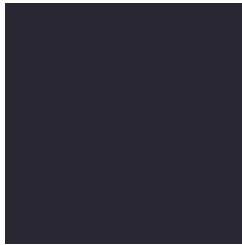
35.7310, 21.8246, 46.7169



87.1130, 53.1883, 113.9109

Previews

White Background



This preview shows how the YUV color 41.4390, 4.2206, -0.3850 looks on a white background.

Color Contrast Check

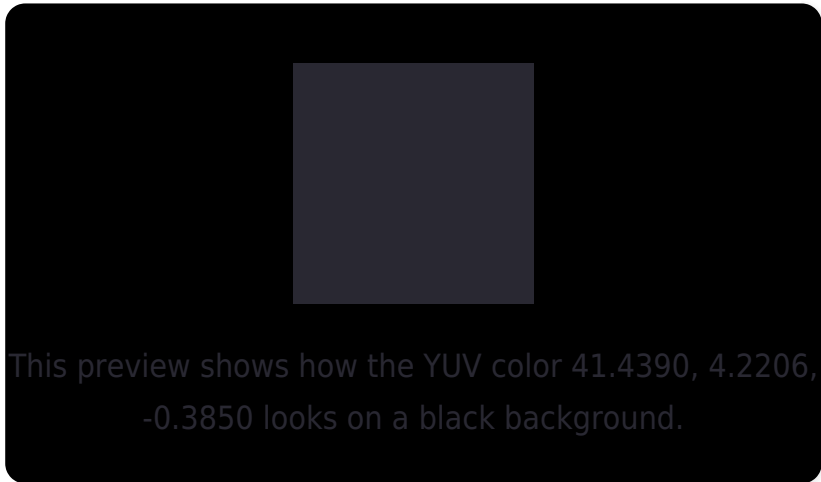
Large Text (above 18pt) WCAG AA ✓ Pass

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

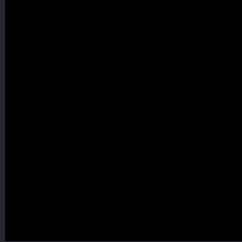
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.4390, 4.2206, -0.3850

Background



This preview shows how black text looks on a background with the YUV color 41.4390, 4.2206, -0.3850.



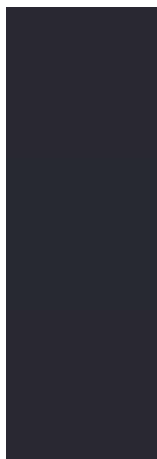
This preview shows how white text looks on a background with the YUV color 41.4390, 4.2206, -0.3850.

-0.3850.

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

41.4390, 4.2206, -0.3850

Protanopia

41.4280, 4.2260, -2.1294

Deuteranopia

41.4390, 4.2206, -0.3850



Tritanopia

41.0430, 1.4578, -0.9147

Trichromacy



Original Color

41.4390, 4.2206, -0.3850

Protanomaly

41.7270, 4.0786, -1.5146

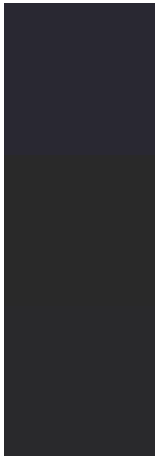
Deuteranomaly

41.4390, 4.2206, -0.3850

Tritanomaly

41.2710, 2.3314, -1.1147

Monochromacy



Original Color

41.4390, 4.2206, -0.3850

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.3420, 1.3104, -0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4390, 4.2206, -0.3850 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(41, 40, 50)` looks like.

```
.text, #text, p{  
    color:rgb(41, 40, 50)  
}
```

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(41, 40, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 40, 50) }
```

Border

The CSS property to change the border of an element to YUV 41.4390, 4.2206, -0.3850 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(41, 40, 50) }
```


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

```
.border{ border-color:rgb(41, 40, 50) }
```

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

Here you see how a box with a 4 pixel rgb(41, 40, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 40, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 40, 50);  
box-shadow:4px 4px 4px 4px rgb(41, 40, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.4390, 4.2206, -0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 40, 50) }
```

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

```
.background{ background-color: rgb(41, 40,  
50) }
```

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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