

Converting Colors

YUV(76.8390, -2.3856, 18.5582)

Have a look what the booklet for
YUV(76.8390, -2.3856, 18.5582)
contains.

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Color

**YUV(76.8390, -2.3856,
18.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	624348
RGB	98, 67, 72
RGB Percent	38%, 26%, 28%
CMY	0.6157, 0.7373, 0.7176
CMYK	0.00, 0.32, 0.27, 0.62
HSL	350°, 19%, 32%
HSV	350°, 32%, 38%
XYZ	8.2139, 7.0789, 7.0643
YIQ	76.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

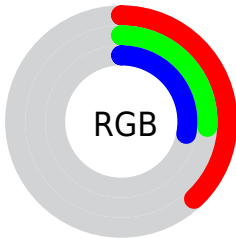
Format	Color
RYB	98, 67, 72
Decimal	6439752
CIELab	31.99, 14.22, 2.37
CIElCh	32, 14.419, 9.457
Yxy	7.0789, 0.3674, 0.3166
Android (android.graphics.Color)	4284629832 (0xFF624348)
YUV	76.8390, -2.3856, 18.5582
Hunter-Lab	26.6061, 8.5459, 2.8819




Details

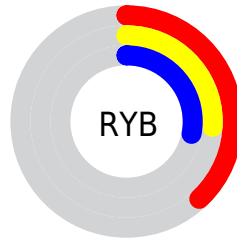
The YUV color **76.8390, -2.3856, 18.5582** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.1610, 2.3856, -18.5582**, and the grayscale version is **77.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.7360, -2.8278, 20.4025**, and **31.7570, -1.3592, 15.9991** is the 20% darker color. If you saturate the color by 10%, you get **70.0570, -2.9861, 24.5060**, and if you desaturate by 10%, it is **83.6210, -1.7852, 12.6104**.

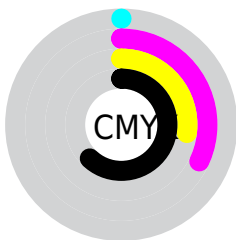
Distribution







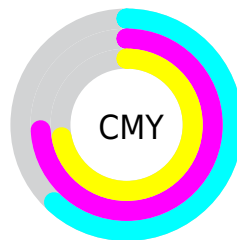
-  Red (38%)
-  Green (26%)
-  Blue (28%)






-  Red (38%)
-  Yellow (26%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (27%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (74%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8390, -2.3856, 18.5582 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 76.8390, -2.3856, 18.5582 by changing the saturation by 10% instead.

■ 76.8390, -2.3856,
18.5582

■ 76.8390, -2.3856,
18.5582

■ 255.0000, 0.0000,
0.0000

■ 54.2410, -2.0908,
17.3286

■ 125.7360, -2.8278,
20.4025

■ 31.7570, -1.3592,
15.9991

■ 152.0350, -2.9753,
21.0173

■ 9.7960, -3.8434,
19.4729

■ 178.7470, -2.8333,
22.1469

■ 0.0000, 0.0000,
0.0000

■ 206.6330, -3.2701,
22.2469

■ 233.1380, -2.5330,
19.1730

■ 252.6520, 1.1576,

2.0592

■ 76.8390, -2.3856,
18.5582

■ 76.8390, -2.3856,
18.5582

■ 70.0570, -2.9861,
24.5060

■ 83.6210, -1.7852,
12.6104

■ 63.2750, -3.5866,
30.4538

■ 90.4030, -1.1847,
6.6626

■ 56.9660, -4.9132,
35.9868

■ 96.7120, 0.1420,
1.1296

■ 50.1840, -5.5137,
41.9346

■ 103.4940, 0.7425,
-4.8182

■ 43.4020, -6.1142,
47.8824

■ 110.2760, 1.3429,
-10.7661

■ 36.6200, -6.7147,
53.8303

■ 117.0580, 1.9434,
-16.7139

■ 31.1260, -7.4571,
58.6485

■ 123.9540, 2.9807,
-22.7617

■ 130.1490, 3.8705,
-28.1947

■ 136.9310, 4.4710,
-34.1425

Harmonies

Analogous

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



77.1850, 2.8668, 13.8698



76.8390, -2.3856, 18.5582



76.4600, -7.6218, 18.0136

Triad

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



76.8390, -2.3856, 18.5582



73.0180, -7.4039, -5.2778



72.5660, 11.5530, -18.9134

Complementary

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



76.8390, -2.3856, 18.5582



88.1610, 2.3856, -18.5582

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.



70.2510, 9.2433, -24.7761



76.8390, -2.3856, 18.5582



71.3310, -2.1352, -15.1993

Square

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



76.8390, -2.3856, 18.5582



74.5740, -10.6360, 4.7586



70.2960, 4.2911, -23.0616



74.8170, 10.9362, -7.7325

Rectangle

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



76.8390, -2.3856, 18.5582



75.8680, -9.7949, 15.0248



70.2960, 4.2911, -23.0616



71.1420, 11.2690, -21.1725

Sweetspot

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



76.8390, -2.3856, 18.5582



119.8160, -0.8953, 7.1774



78.3080, 9.7082, 12.8849



59.2070, -0.5951, 4.2035



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



76.8390, -2.3856, 18.5582



94.5630, -3.7286, 29.3242



82.1390, -7.4635, 13.9101



45.1960, -0.5896, 2.4591



35.5400, -8.6472, 67.0554



76.2060, -18.3426, 143.6473

Inverse Universe

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



76.8390, -2.3856, 18.5582



94.5630, -3.7286, 29.3242



82.8610, 7.4635, -13.9101



45.1960, -0.5896, 2.4591



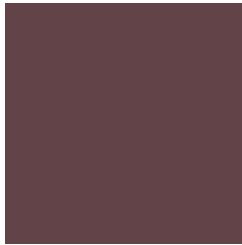
35.5400, -8.6472, 67.0554



76.2060, -18.3426, 143.6473

Previews

White Background



This preview shows how the YUV color 76.8390, -2.3856, 18.5582 looks on a white background.

Color Contrast Check

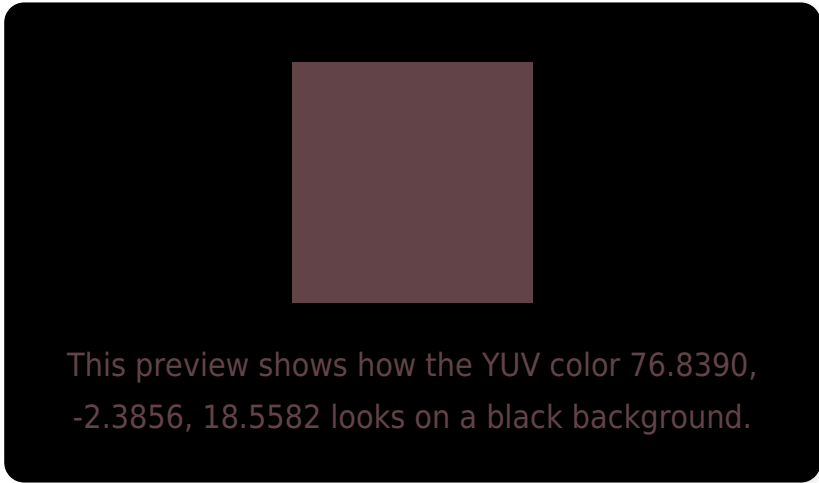
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.8390, -2.3856, 18.5582

Background



This preview shows how black text looks on a background with the YUV color 76.8390, -2.3856, 18.5582.

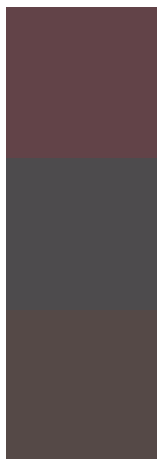


This preview shows how white text looks on a background with the YUV color 76.8390, -2.3856,

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

76.8390, -2.3856, 18.5582

Protanopia

75.8260, 0.5788, 1.0296

Deuteranopia

76.3600, -2.6425, 7.5773



Tritanopia

76.8390, -2.3856, 18.5582

Trichromacy



Original Color

76.8390, -2.3856, 18.5582

Protanomaly

76.2290, -0.6059, 7.6922

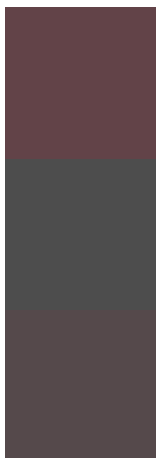
Deuteranomaly

76.6810, -2.8007, 11.6808

Tritanomaly

76.8390, -2.3856, 18.5582

Monochromacy



Original Color

76.8390, -2.3856, 18.5582

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8160, -0.8953, 7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8390, -2.3856, 18.5582 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(98, 67, 72)` looks like.

```
.text, #text, p{  
    color:rgb(98, 67, 72)  
}
```

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(98, 67, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 67, 72) }
```

Border

The CSS property to change the border of an element to YUV 76.8390, -2.3856, 18.5582 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(98, 67, 72) }
```


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

```
.border{ border-color:rgb(98, 67, 72) }
```

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

Here you see how a box with a 4 pixel rgb(98, 67, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 67, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 67, 72);  
box-shadow:4px 4px 4px 4px rgb(98, 67, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8390, -2.3856, 18.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 67, 72) }
```

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

```
.background{ background-color: rgb(98, 67,  
72) }
```

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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