

Converting Colors

YUV(76.3750, -18.9189, 1.4251)

Have a look what the booklet for
YUV(76.3750, -18.9189, 1.4251)
contains.

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Color

**YUV(76.3750, -18.9189,
1.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5326
RGB	78, 83, 38
RGB Percent	31%, 33%, 15%
CMY	0.6941, 0.6745, 0.8510
CMYK	0.06, 0.00, 0.54, 0.67
HSL	67°, 37%, 24%
HSV	67°, 54%, 33%
XYZ	6.5850, 7.9462, 3.0204
YIQ	76.3750, 11.4650, -15.0550

Conversions

Conversions Part 2

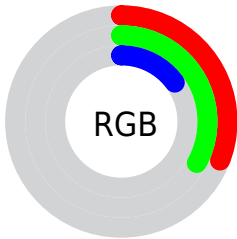
Format	Color
RYB	38, 83, 43
Decimal	5133094
CIELab	33.87, -9.60, 25.44
CIElCh	34, 27.192, 110.679
Yxy	7.9462, 0.3752, 0.4527
Android (android.graphics.Color)	4283323174 (0xFF4E5326)
YUV	76.3750, -18.9189, 1.4251
Hunter-Lab	28.1889, -7.6326, 13.3794

Details

The YUV color **76.3750, -18.9189, 1.4251** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44.6250, 18.9189, -1.4251**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3320, -20.3767, 2.3398**, and **32.1730, -15.8613, 0.7253** is the 20% darker color. If you saturate the color by 10%, you get **75.1640, -22.2659, 1.6102**, and if you desaturate by 10%, it is **77.5860, -15.5719, 1.2401**.

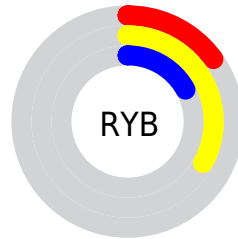
Distribution



Red (31%)

Green (33%)

Blue (15%)



Red (15%)

Yellow (33%)

Blue (17%)

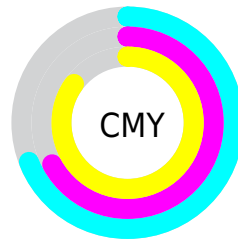


Cyan (6%)

Magenta (0%)

Yellow (54%)

Black (67%)



Cyan (69%)

Magenta (67%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3750, -18.9189, 1.4251 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 76.3750, -18.9189, 1.4251 by changing the saturation by 10% instead.

■ 76.3750, -18.9189,
1.4251

■ 76.3750, -18.9189,
1.4251

■ 255.0000, 0.0000,
0.0000

■ 53.1900, -18.3347,
0.7104

■ 125.3320,
-20.3767, 2.3398

■ 32.1730, -15.8613,
0.7253

■ 151.5170,
-20.9609, 3.0546

■ 11.1530, -5.4984,
-9.7812

■ 178.4030,
-21.3977, 3.1546

■ 0.0000, 0.0000,
0.0000

■ 206.1750,
-22.2713, 3.3545

■ 234.0610,
-22.7081, 3.4545

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

76.3750, -18.9189,
1.4251

76.3750, -18.9189,
1.4251

75.1640, -22.2659,
1.6102

77.5860, -15.5719,
1.2401

73.8390, -26.0496,
1.8952

78.9110, -11.7881,
0.9551

72.6280, -29.3966,
2.0802

80.1220, -8.4411,
0.7700

71.4170, -32.7436,
2.2653

81.3330, -5.0942,
0.5850

70.8470, -34.9276,
2.7652

82.5440, -1.7472,
0.3999

■ 83.8690, 2.0366,
0.1149

■ 84.7810, 5.5310,
-0.6849

■ 85.9920, 8.8779,
-0.8700

■ 87.3170, 12.6617,
-1.1550

Harmonies

Analogous

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



78.3170, -20.8623, 18.1390



76.3750, -18.9189, 1.4251



73.3170, -11.0023, -17.8180

Triad

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



76.3750, -18.9189, 1.4251



65.0110, 23.1656, -57.0146



81.5830, 2.6706, 30.1837

Complementary

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



76.3750, -18.9189, 1.4251



44.6250, 18.9189, -1.4251

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.



82.0140, 12.3181, 15.7737



76.3750, -18.9189, 1.4251



70.9900, 25.1479, -39.4562

Square

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



76.3750, -18.9189, 1.4251



64.1330, 14.7244, -56.2446



80.1080, 19.6668, -7.9877



80.6840, -7.2392, 35.3571

Rectangle

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



76.3750, -18.9189, 1.4251



69.5090, -2.2229, -33.7724



80.1080, 19.6668, -7.9877



81.7720, 6.0284, 26.5100

Sweetspot

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



76.3750, -18.9189, 1.4251



104.4640, -7.1308, 0.4701



54.3900, -8.0803, 25.0910



52.1480, -4.5100, -0.1298



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



76.3750, -18.9189, 1.4251



96.6280, -29.3966, 2.0802



69.7970, -15.6759, -12.1000



40.2450, -1.5998, -0.2149



89.4420, -44.0949, 3.1204



197.7780, -97.5046, 7.2107

Inverse Universe

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



44.6250, 18.9189, -1.4251



47.3720, 29.3966, -2.0802



51.2030, 15.6759, 12.1000



37.4560, 1.7472, -0.3999



15.5580, 44.0949, -3.1204



34.2220, 97.5046, -7.2107

Previews

White Background



This preview shows how the YUV color 76.3750, -18.9189, 1.4251 looks on a white background.

Color Contrast Check

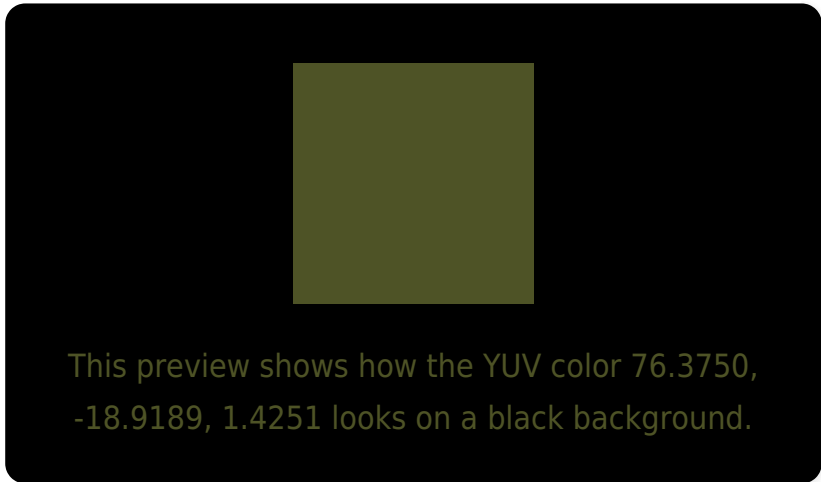
Large Text (above 18pt) WCAG AA ✓ Pass

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

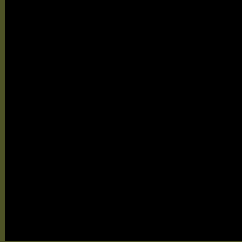
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3750, -18.9189, 1.4251

Background



This preview shows how black text looks on a background with the YUV color 76.3750, -18.9189, 1.4251.



This preview shows how white text looks on a background with the YUV color 76.3750, -18.9189,

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

76.3750, -18.9189, 1.4251

Protanopia

77.4900, -19.9616, 9.2173

Deuteranopia

78.4740, -18.9677, 17.1243



Tritanopia

80.1790, 1.8838, 2.4740

Trichromacy



Original Color

76.3750, -18.9189, 1.4251

Protanomaly

76.8810, -19.6613, 6.2434

Deuteranomaly

78.0280, -19.2408, 11.3764

Tritanomaly

78.8170, -5.8258, 1.9145

Monochromacy



Original Color

76.3750, -18.9189, 1.4251

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.4640, -7.1308, 0.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3750, -18.9189, 1.4251 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(78, 83, 38)` looks like.

```
.text, #text, p{  
    color:rgb(78, 83, 38)  
}
```

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(78, 83, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 83, 38) }
```

Border

The CSS property to change the border of an element to YUV 76.3750, -18.9189, 1.4251 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(78, 83, 38) }
```


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

```
.border{ border-color:rgb(78, 83, 38) }
```

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

Here you see how a box with a 4 pixel rgb(78, 83, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 83, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 83, 38);  
box-shadow:4px 4px 4px 4px rgb(78, 83, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3750, -18.9189, 1.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 83, 38) }
```

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

```
.background{ background-color: rgb(78, 83,  
38) }
```

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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