

Converting Colors

YUV(77.3800, -16.4563, 4.9287)

Have a look what the booklet for
YUV(77.3800, -16.4563, 4.9287)
contains.

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Color

**YUV(77.3800, -16.4563,
4.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	53512C
RGB	83, 81, 44
RGB Percent	33%, 32%, 17%
CMY	0.6745, 0.6824, 0.8275
CMYK	0.00, 0.02, 0.47, 0.67
HSL	57°, 31%, 25%
HSV	57°, 47%, 33%
XYZ	6.9643, 7.9057, 3.5418
YIQ	77.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

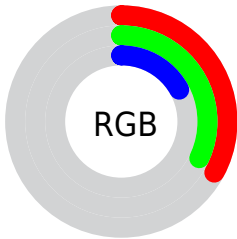
Format	Color
RYB	46, 83, 44
Decimal	5460268
CIELab	33.79, -5.37, 21.99
CIELCh	34, 22.639, 103.713
Yxy	7.9057, 0.3783, 0.4294
Android (android.graphics.Color)	4283650348 (0xFF53512C)
YUV	77.3800, -16.4563, 4.9287
Hunter-Lab	28.1171, -4.9922, 12.2135

Details

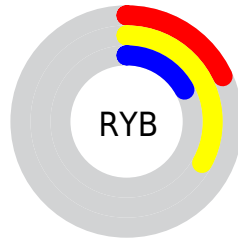
The YUV color **77.3800, -16.4563, 4.9287** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49.6200, 16.4563, -4.9287**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3370, -17.9141, 5.8435**, and **33.0810, -16.3089, 4.3140** is the 20% darker color. If you saturate the color by 10%, you get **76.4680, -19.9507, 5.7286**, and if you desaturate by 10%, it is **78.2920, -12.9620, 4.1289**.

Distribution



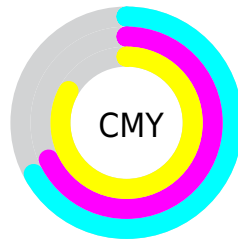
- Red (33%)
- Green (32%)
- Blue (17%)



- Red (18%)
- Yellow (33%)
- Blue (17%)



- Cyan (0%)
- Magenta (2%)
- Yellow (47%)
- Black (67%)



- Cyan (67%)
- Magenta (68%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3800, -16.4563, 4.9287 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 77.3800, -16.4563, 4.9287 by changing the saturation by 10% instead.

■ 77.3800, -16.4563,
4.9287

■ 77.3800, -16.4563,
4.9287

■ 255.0000, 0.0000,
0.0000

■ 54.1950, -15.8721,
4.2140

■ 126.3370,
-17.9141, 5.8435

■ 33.0810, -16.3089,
4.3140

■ 152.5220,
-18.4983, 6.5582

■ 11.4850, -5.6621,
-3.9333

■ 179.4080,
-18.9351, 6.6582

■ 0.0000, 0.0000,
0.0000

■ 207.1800,
-19.8087, 6.8581

■ 235.4790,
-19.9561, 7.4729

■ 251.3520,

-13.9775, 3.1993

254.5440, -1.7472,
0.3999

■ 77.3800, -16.4563,
4.9287

■ 77.3800, -16.4563,
4.9287

■ 76.4680, -19.9507,
5.7286

■ 78.2920, -12.9620,
4.1289

■ 74.8550, -23.5925,
7.1432

■ 79.9050, -9.3202,
2.7143

■ 73.9430, -27.0869,
7.9430

■ 80.8170, -5.8258,
1.9145

■ 72.4440, -30.2919,
9.2576

■ 82.3160, -2.6208,
0.5999

■ 71.5320, -33.7863,
10.0574

■ 83.2280, 0.8736,
-0.2000

■ 71.1900, -35.0967,
10.3574

■ 84.8410, 4.5154,
-1.6146

■ 85.7530, 8.0098,
-2.4144

■ 86.6650, 11.5042,
-3.2142

■ 88.2780, 15.1459,
-4.6288

Harmonies

Analogous

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



79.0550, -16.7891, 18.3688



77.3800, -16.4563, 4.9287



75.3610, -11.0240, -10.8406

Triad

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



77.3800, -16.4563, 4.9287



63.5120, 19.9606, -55.7000



81.8810, 4.0027, 22.9064

Complementary

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



77.3800, -16.4563, 4.9287



49.6200, 16.4563, -4.9287

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.



81.7420, 11.4662, 8.9963



77.3800, -16.4563, 4.9287



72.7690, 20.3269, -33.1234

Square

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



77.3800, -16.4563, 4.9287



65.1510, 10.7716, -48.3674



78.8150, 17.3462, -10.3618



81.0360, -4.4547, 28.9094

Rectangle

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



77.3800, -16.4563, 4.9287



73.1900, -5.0237, -22.0916



78.8150, 17.3462, -10.3618



81.9560, 6.9237, 19.3326

Sweetspot

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



77.3800, -16.4563, 4.9287



104.7030, -6.2626, 2.0145



56.0030, -4.4385, 23.6764



52.2730, -4.0786, 1.5146



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.



77.3800, -16.4563, 4.9287



98.3990, -25.3397, 7.5431



73.4710, -14.5292, -6.5521



40.5440, -1.7472, 0.3999



89.5080, -44.1274, 13.5865



198.5080, -97.8644, 29.3725

Inverse Universe

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



49.6200, 16.4563, -4.9287



55.6010, 25.3397, -7.5431



53.5290, 14.5292, 6.5521



37.4560, 1.7472, -0.3999



14.9050, 44.4168, -13.0717



33.4920, 97.8644, -29.3725

Previews

White Background



This preview shows how the YUV color 77.3800, -16.4563, 4.9287 looks on a white background.

Color Contrast Check

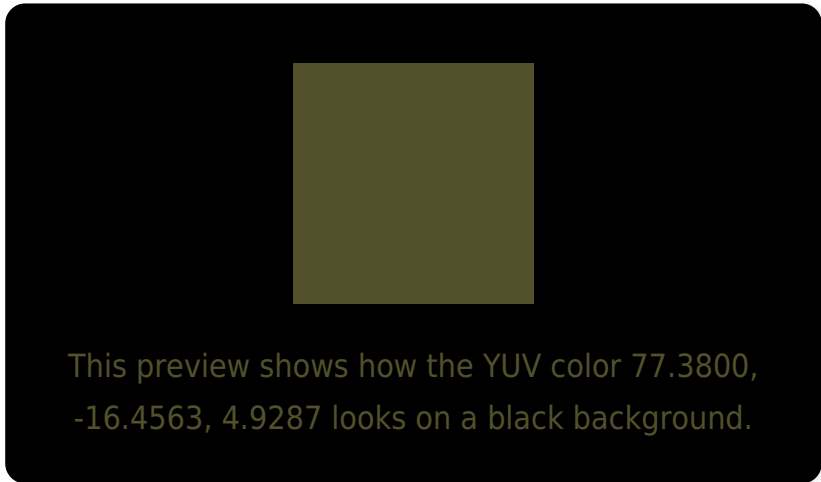
Large Text (above 18pt) WCAG AA ✓ Pass

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

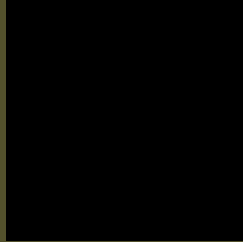
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3800, -16.4563, 4.9287

Background



This preview shows how black text looks on a background with the YUV color 77.3800, -16.4563, 4.9287.



This preview shows how white text looks on a background with the YUV color 77.3800, -16.4563,

4.9287.

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

77.3800, -16.4563, 4.9287

Protanopia

77.8750, -17.1934, 8.0026

Deuteranopia

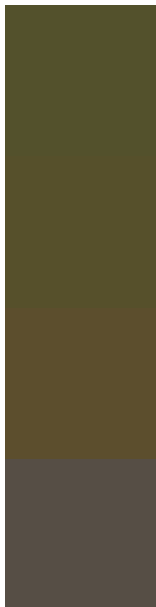
78.7450, -16.6363, 16.0096



Tritanopia

80.6740, 1.1467, 5.5479

Trichromacy



Original Color

77.3800, -16.4563, 4.9287

Protanomaly

77.5760, -17.0460, 7.3878

Deuteranomaly

78.4240, -16.4780, 11.9062

Tritanomaly

79.3660, -5.1104, 5.8180

Monochromacy



Original Color

77.3800, -16.4563, 4.9287

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3800, -16.4563, 4.9287 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(83, 81, 44)` looks like.

```
.text, #text, p{  
    color:rgb(83, 81, 44)  
}
```

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(83, 81, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 81, 44) }
```

Border

The CSS property to change the border of an element to YUV 77.3800, -16.4563, 4.9287 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(83, 81, 44) }
```


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

```
.border{ border-color:rgb(83, 81, 44) }
```

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

Here you see how a box with a 4 pixel rgb(83, 81, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 81, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 81, 44);  
box-shadow:4px 4px 4px 4px rgb(83, 81, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.3800, -16.4563, 4.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 81, 44) }
```

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

```
.background{ background-color: rgb(83, 81,  
44) }
```

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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