

Converting Colors

YUV(76.0080, -12.3289,
-12.2850)

Have a look what the booklet for
YUV(76.0080, -12.3289, -12.2850)
contains.

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Color

**YUV(76.0080, -12.3289,
-12.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5833
RGB	62, 88, 51
RGB Percent	24%, 35%, 20%
CMY	0.7569, 0.6549, 0.8000
CMYK	0.30, 0.00, 0.42, 0.65
HSL	102°, 27%, 27%
HSV	102°, 42%, 35%
XYZ	6.0739, 8.2426, 4.4028
YIQ	76.0080, -3.6190, -17.0190

Conversions

Conversions Part 2

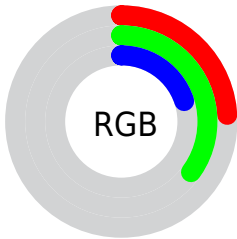
Format	Color
RYB	51, 88, 77
Decimal	4085811
CIELab	34.48, -17.70, 18.39
CIElCh	34, 25.526, 133.900
Yxy	8.2426, 0.3245, 0.4403
Android (android.graphics.Color)	4282275891 (0xFF3E5833)
YUV	76.0080, -12.3289, -12.2850
Hunter-Lab	28.7099, -12.4789, 11.0045

Details

The YUV color **76.0080, -12.3289, -12.2850** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.9920, 12.3289, 12.2850**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3670, -13.4919, -12.5999**, and **30.7200, -12.1870, -11.1554** is the 20% darker color. If you saturate the color by 10%, you get **73.1880, -15.3757, -15.0739**, and if you desaturate by 10%, it is **78.8280, -9.2822, -9.4962**.

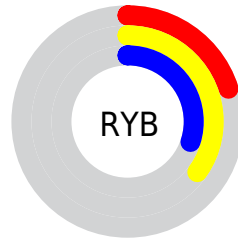
Distribution



Red (24%)

Green (35%)

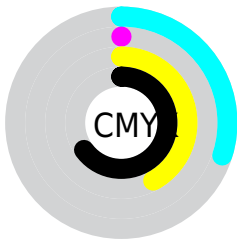
Blue (20%)



Red (20%)

Yellow (35%)

Blue (30%)

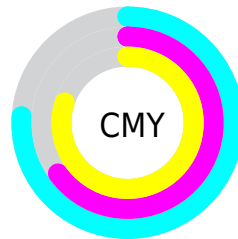


Cyan (30%)

Magenta (0%)

Yellow (42%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0080, -12.3289, -12.2850 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 76.0080, -12.3289, -12.2850 by changing the saturation by 10% instead.

■ 76.0080, -12.3289,
-12.2850

■ 76.0080, -12.3289,
-12.2850

255.0000, 0.0000,
0.0000

■ 53.1220, -11.8921,
-12.3850

■ 125.3670,
-13.4919, -12.5999

■ 30.7200, -12.1870,
-11.1554

■ 150.9540,
-13.7813, -13.1147

■ 14.0880, -6.9454,
-12.3552

■ 178.4270,
-14.5075, -13.5295

■ 0.0000, 0.0000,
0.0000

■ 206.0140,
-14.7969, -14.0443

■ 233.9000,
-15.2337, -13.9443

■ 249.8720, -9.3039,

-2.5187

■ 76.0080, -12.3289,
-12.2850

■ 76.0080, -12.3289,
-12.2850

■ 73.1880, -15.3757,
-15.0739

■ 78.8280, -9.2822,
-9.4962

■ 70.3680, -18.4224,
-17.8627

■ 81.6480, -6.2355,
-6.7073

■ 67.3630, -20.8850,
-21.3664

■ 84.6530, -3.7729,
-3.2037

■ 64.5430, -23.9317,
-24.1552

■ 87.4730, -0.7262,
-0.4148

■ 61.7230, -26.9784,
-26.9441

■ 90.2930, 2.3206,
2.3740

■ 59.4300, -29.2990,
-29.3181

■ 93.1130, 5.3673,
5.1629

■ 95.9330, 8.4140,
7.9518

■ 98.6390, 11.0240,
10.8406

■ 101.7580, 13.9233,
14.2442

Harmonies

Analogous

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



78.8100, -18.6403, 5.4286



76.0080, -12.3289, -12.2850



71.4490, -1.2074, -32.8428

Triad

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



76.0080, -12.3289, -12.2850



71.3380, 23.9904, -41.5154



82.2430, -5.0498, 33.1129

Complementary

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



76.0080, -12.3289, -12.2850



62.9920, 12.3289, 12.2850

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.



83.1310, 4.8654, 26.1951



76.0080, -12.3289, -12.2850



80.3740, 19.5356, -12.6060

Square

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



76.0080, -12.3289, -12.2850



65.2560, 21.5658, -57.2295



83.2090, 13.2080, 10.3407



81.3430, -13.4801, 30.3942

Rectangle

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



76.0080, -12.3289, -12.2850



64.0640, 9.3354, -54.4301



83.2090, 13.2080, 10.3407



82.7420, -1.8448, 31.7983

Sweetspot

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



76.0080, -12.3289, -12.2850



110.0010, -4.9305, -5.2629



77.3250, -12.9782, 9.3620



55.7670, -3.3361, -3.3037



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



76.0080, -12.3289, -12.2850



96.1290, -19.2906, -19.4071



73.5170, -7.6499, -19.7474



41.6470, -1.3050, -1.4444



72.3770, -35.6819, -35.4106



158.8750, -78.3254, -77.9434

Inverse Universe

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



62.9920, 12.3289, 12.2850



75.8710, 19.2906, 19.4071



65.4830, 7.6499, 19.7474



40.3530, 1.3050, 1.4444



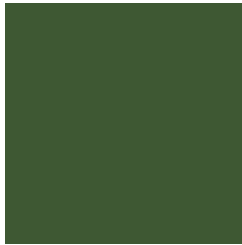
34.6230, 35.6819, 35.4106



76.1250, 78.3254, 77.9434

Previews

White Background



This preview shows how the YUV color 76.0080, -12.3289, -12.2850 looks on a white background.

Color Contrast Check

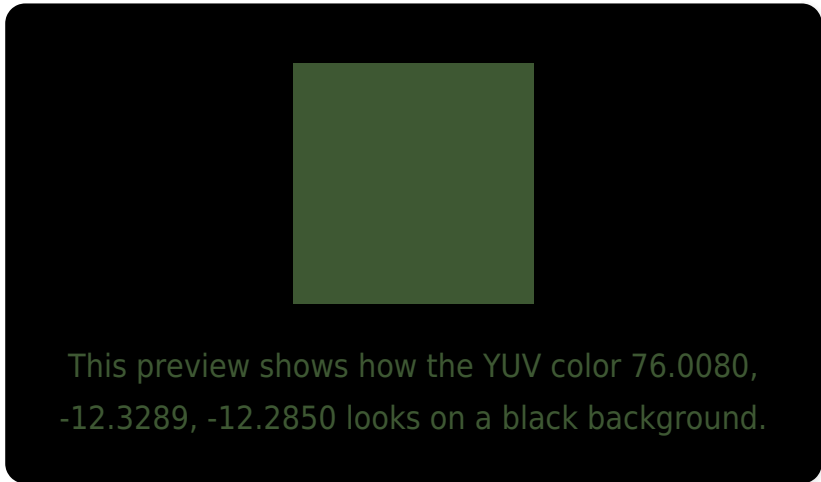
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.0080, -12.3289, -12.2850 Background



This preview shows how black text looks on a background with the YUV color 76.0080, -12.3289, -12.2850.



This preview shows how white text looks on a background with the YUV color 76.0080, -12.3289, -12.2850.

-12.2850.

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

76.0080, -12.3289, -12.2850

Protanopia

79.3310, -15.4462, 7.6027

Deuteranopia

80.2440, -13.4313, 14.6950



Tritanopia

79.3130, 5.2687, -9.9215

Trichromacy



Original Color

76.0080, -12.3289, -12.2850

Protanomaly

78.5150, -14.5509, 0.4253

Deuteranomaly

78.5910, -13.1094, 4.7437

Tritanomaly

78.2930, -1.1304, -10.7810

Monochromacy



Original Color

76.0080, -12.3289, -12.2850

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8270, -4.3517, -4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0080, -12.3289, -12.2850 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(62, 88, 51)` looks like.

```
.text, #text, p{  
    color:rgb(62, 88, 51)  
}
```

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(62, 88, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 88, 51) }
```

Border

The CSS property to change the border of an element to YUV 76.0080, -12.3289, -12.2850 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(62, 88, 51) }
```


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

```
.border{ border-color:rgb(62, 88, 51) }
```

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

Here you see how a box with a 4 pixel rgb(62, 88, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 88, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 88, 51);  
box-shadow:4px 4px 4px 4px rgb(62, 88, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.0080, -12.3289, -12.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 88, 51) }
```

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

```
.background{ background-color: rgb(62, 88,  
51) }
```

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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