

Converting Colors

YUV(77.8460, -13.2351, -1.6189)

Have a look what the booklet for
YUV(77.8460, -13.2351, -1.6189)
contains.

YUV(77.8460, -13.2351, -1.6189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.8460, -13.2351,
-1.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5433
RGB	76, 84, 51
RGB Percent	30%, 33%, 20%
CMY	0.7020, 0.6706, 0.8000
CMYK	0.10, 0.00, 0.39, 0.67
HSL	75°, 24%, 26%
HSV	75°, 39%, 33%
XYZ	6.7484, 8.1162, 4.3429
YIQ	77.8460, 5.8250, -11.9590

Conversions

Conversions Part 2

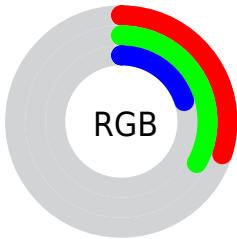
Format	Color
R_YB	51, 84, 59
Decimal	5002291
CIE Lab	34.22, -9.44, 18.26
CIE LCh	34, 20.555, 117.340
Yxy	8.1162, 0.3513, 0.4226
Android (android.graphics.Color)	4283192371 (0xFF4C5433)
YUV	77.8460, -13.2351, -1.6189
Hunter-Lab	28.4889, -7.5730, 10.9040

Details

The YUV color **77.8460, -13.2351, -1.6189** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57.1540, 13.2351, 1.6189**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2050, -14.3981, -1.9338**, and **33.1450, -13.3825, -1.0042** is the 20% darker color. If you saturate the color by 10%, you get **76.3360, -16.4346, -2.0487**, and if you desaturate by 10%, it is **79.3560, -10.0355, -1.1892**.

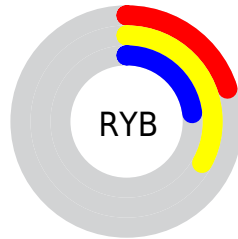
Distribution



Red (30%)

Green (33%)

Blue (20%)



Red (20%)

Yellow (33%)

Blue (23%)

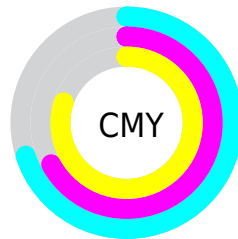


Cyan (10%)

Magenta (0%)

Yellow (39%)

Black (67%)



Cyan (70%)

Magenta (67%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8460, -13.2351, -1.6189 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 77.8460, -13.2351, -1.6189 by changing the saturation by 10% instead.

■ 77.8460, -13.2351,
-1.6189

■ 77.8460, -13.2351,
-1.6189

■ 255.0000, 0.0000,
0.0000

■ 54.9600, -12.7983,
-1.7189

■ 127.2050,
-14.3981, -1.9338

■ 33.1450, -13.3825,
-1.0042

■ 153.3900,
-14.9823, -1.2190

■ 11.1530, -5.4984,
-9.7812

■ 179.9770,
-15.2717, -1.7338

■ 0.0000, 0.0000,
0.0000

■ 207.1620,
-15.8559, -1.0191

■ 235.7490,
-16.1453, -1.5339

■ 252.2640,

-10.4832, 2.3995

■ 77.8460, -13.2351,
-1.6189

■ 77.8460, -13.2351,
-1.6189

■ 76.3360, -16.4346,
-2.0487

■ 79.3560, -10.0355,
-1.1892

■ 74.7120, -20.0710,
-2.3784

■ 80.9800, -6.3991,
-0.8595

■ 73.2020, -23.2706,
-2.8082

■ 82.4900, -3.1996,
-0.4297

■ 71.5780, -26.9070,
-3.1379

■ 84.1140, 0.4368,
-0.1000

■ 70.0680, -30.1065,
-3.5676

■ 85.6240, 3.6364,
0.3298

■ 68.5580, -33.3061,
-3.9974

■ 87.1340, 6.8359,
0.7595

■ 68.4440, -33.7429,
-3.8974

■ 88.7580, 10.4723,
1.0892

■ 90.2680, 13.6719,
1.5190

■ 91.8920, 17.3082,
1.8487

Harmonies

Analogous

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



79.6520, -15.6044, 11.7062



77.8460, -13.2351, -1.6189



75.7670, -6.7871, -16.4587

Triad

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



77.8460, -13.2351, -1.6189



71.9380, 17.2856, -37.6566



82.5670, 0.2135, 24.9357

Complementary

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



77.8460, -13.2351, -1.6189



57.1540, 13.2351, 1.6189

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.



82.7490, 7.5187, 15.1291



77.8460, -13.2351, -1.6189



77.4610, 17.5207, -19.6983

Square

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



77.8460, -13.2351, -1.6189



69.0530, 12.7919, -43.0195



81.5450, 13.5353, -1.3550



81.5150, -7.6489, 26.7353

Rectangle

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



77.8460, -13.2351, -1.6189



73.4220, -0.2080, -26.6801



81.5450, 13.5353, -1.3550



82.8270, 2.5503, 22.0767

Sweetspot

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



77.8460, -13.2351, -1.6189



107.2080, -5.5255, -1.0594



65.5630, -7.1796, 16.1692



54.4900, -3.1996, -0.4297



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.8460, -13.2351, -1.6189



100.1850, -20.7972, -2.7932



73.0620, -10.8766, -11.4554



40.2450, -1.5998, -0.2149



85.2560, -42.0312, -5.4865



188.8080, -93.0823, -11.2326

Inverse Universe

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



57.1540, 13.2351, 1.6189



67.8150, 20.7972, 2.7932



61.9380, 10.8766, 11.4554



37.7550, 1.5998, 0.2149



19.4450, 42.1786, 4.8717



43.1920, 93.0823, 11.2326

Previews

White Background



This preview shows how the YUV color 77.8460, -13.2351, -1.6189 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



This preview shows how the YUV color 77.8460, -13.2351, -1.6189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

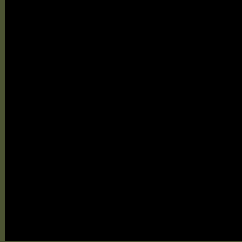
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

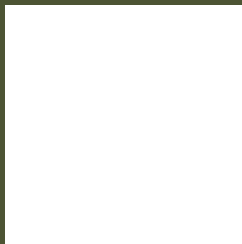
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.8460, -13.2351, -1.6189

Background



This preview shows how black text looks on a background with the YUV color 77.8460, -13.2351, -1.6189.



This preview shows how white text looks on a background with the YUV color 77.8460, -13.2351,

-1.6189.

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

77.8460, -13.2351, -1.6189

Protanopia

78.9720, -14.2832, 7.9176

Deuteranopia

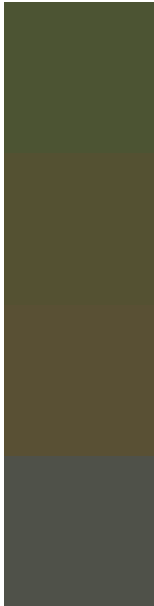
80.2440, -13.4313, 14.6950



Tritanopia

80.6840, 2.6208, -0.5999

Trichromacy



Original Color

77.8460, -13.2351, -1.6189

Protanomaly

78.3630, -13.9830, 4.9436

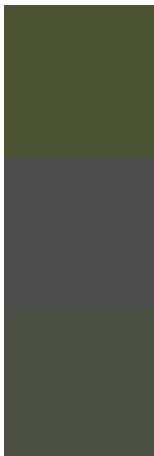
Deuteranomaly

79.4990, -13.5570, 8.3324

Tritanomaly

79.4900, -3.1996, -0.4297

Monochromacy



Original Color

77.8460, -13.2351, -1.6189

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7350, -4.7994, -0.6446

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8460, -13.2351, -1.6189 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(76, 84, 51)` looks like.

```
.text, #text, p{  
    color:rgb(76, 84, 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(76, 84, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 84, 51) }
```

Border

The CSS property to change the border of an element to YUV 77.8460, -13.2351, -1.6189 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(76, 84, 51) }
```


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

```
.border{ border-color:rgb(76, 84, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 84, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 84, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 84, 51);  
box-shadow:4px 4px 4px 4px rgb(76, 84, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8460, -13.2351, -1.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 84, 51) }
```

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

```
.background{ background-color: rgb(76, 84,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor