

Converting Colors

YUV(87.3140, -16.4238, -5.5374)

Have a look what the booklet for
YUV(87.3140, -16.4238, -5.5374)
contains.

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Color

**YUV(87.3140, -16.4238,
-5.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	516136
RGB	81, 97, 54
RGB Percent	32%, 38%, 21%
CMY	0.6824, 0.6196, 0.7882
CMYK	0.16, 0.00, 0.44, 0.62
HSL	82°, 28%, 30%
HSV	82°, 44%, 38%
XYZ	8.3339, 10.5651, 5.0900
YIQ	87.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

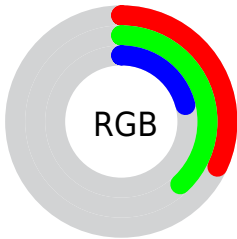
Format	Color
RYB	54, 97, 70
Decimal	5333302
CIELab	38.84, -14.24, 22.50
CIElCh	39, 26.629, 122.330
Yxy	10.5651, 0.3474, 0.4404
Android (android.graphics.Color)	4283523382 (0xFF516136)
YUV	87.3140, -16.4238, -5.5374
Hunter-Lab	32.5039, -11.1152, 13.4681

Details

The YUV color **87.3140, -16.4238, -5.5374** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.6860, 16.4238, 5.5374**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6730, -17.5868, -5.8522**, and **41.5420, -15.5502, -5.7373** is the 20% darker color. If you saturate the color by 10%, you get **84.9780, -20.2022, -6.9967**, and if you desaturate by 10%, it is **89.6500, -12.6455, -4.0781**.

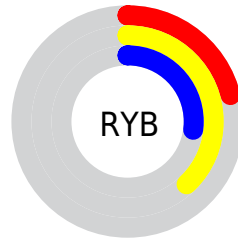
Distribution



Red (32%)

Green (38%)

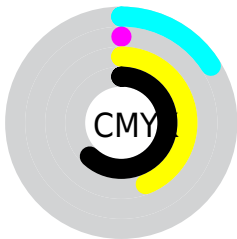
Blue (21%)



Red (21%)

Yellow (38%)

Blue (27%)

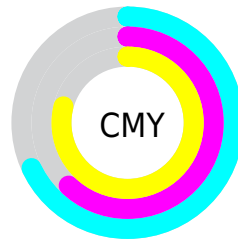


Cyan (16%)

Magenta (0%)

Yellow (44%)

Black (62%)



Cyan (68%)

Magenta (62%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3140, -16.4238, -5.5374 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 87.3140, -16.4238, -5.5374 by changing the saturation by 10% instead.

87.3140, -16.4238,
-5.5374

87.3140, -16.4238,
-5.5374

255.0000, 0.0000,
0.0000

63.5420, -15.5502,
-5.7373

137.6730,
-17.5868, -5.8522

41.5420, -15.5502,
-5.7373

163.8580,
-18.1710, -5.1375

21.1980, -10.4506,
-8.0666

191.3310,
-18.8972, -5.5523

0.0000, 0.0000,
0.0000

218.9180,
-19.1866, -6.0671

245.3420,
-18.9026, -3.8079

252.8340, -8.2992,

1.8996

■ 87.3140, -16.4238,
-5.5374

■ 87.3140, -16.4238,
-5.5374

■ 84.9780, -20.2022,
-6.9967

■ 89.6500, -12.6455,
-4.0781

■ 83.0550, -23.6911,
-7.9412

■ 91.5730, -9.1565,
-3.1335

■ 80.7190, -27.4695,
-9.4006

■ 93.9090, -5.3781,
-1.6742

■ 78.6820, -31.3952,
-10.2451

■ 95.9460, -1.4524,
-0.8296

■ 76.4600, -34.7368,
-11.8044

■ 98.2820, 2.3260,
0.6297

■ 75.1780, -37.0628,
-12.4341

■ 100.5040, 5.6675,
2.1890

■ 102.5410, 9.5933,
3.0335

■ 104.8770, 13.3716,
4.4929

■ 106.8000, 16.8606,
5.4374

Harmonies

Analogous

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



89.9850, -20.6986, 12.2912



87.3140, -16.4238, -5.5374



83.5270, -6.1758, -25.8952

Triad

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



87.3140, -16.4238, -5.5374



75.5100, 26.3706, -58.3293



93.2800, -1.1240, 33.9574

Complementary

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



87.3140, -16.4238, -5.5374



63.6860, 16.4238, 5.5374

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.



94.4340, 8.6600, 22.4214



87.3140, -16.4238, -5.5374



88.1060, 22.6257, -23.7720

Square

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



87.3140, -16.4238, -5.5374



72.8700, 20.2771, -63.9070



93.1910, 17.1608, 2.4635



92.5330, -11.6018, 34.6126

Rectangle

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



87.3140, -16.4238, -5.5374



79.1320, 2.8929, -41.3348



93.1910, 17.1608, 2.4635



93.7680, 2.0864, 30.8985

Sweetspot

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



87.3140, -16.4238, -5.5374



121.3820, -6.1043, -2.0890



76.2490, -10.9688, 18.1986



61.6640, -3.7784, -1.4593



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.



87.3140, -16.4238, -5.5374



110.0010, -25.1435, -8.7709



81.0350, -13.3283, -18.4477



47.2450, -1.5998, -0.2149



86.6740, -42.7303, -14.6231



186.0290, -91.7123, -30.7204

Inverse Universe

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



63.6860, 16.4238, 5.5374



73.7000, 25.2909, 8.1561



69.9650, 13.3283, 18.4477



44.7550, 1.5998, 0.2149



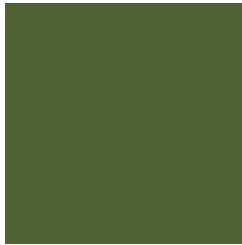
25.3260, 42.7303, 14.6231



53.9710, 91.7123, 30.7204

Previews

White Background



This preview shows how the YUV color 87.3140, -16.4238, -5.5374 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 × Fail

Black Background



This preview shows how the YUV color 87.3140, -16.4238, -5.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

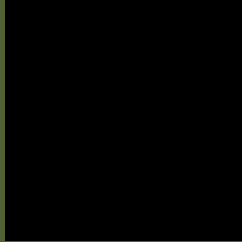
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3140, -16.4238, -5.5374

Background



This preview shows how black text looks on a background with the YUV color 87.3140, -16.4238, -5.5374.



This preview shows how white text looks on a background with the YUV color 87.3140, -16.4238, -5.5374.

-5.5374.

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

87.3140, -16.4238, -5.5374

Protanopia

89.2450, -18.3618, 9.4321

Deuteranopia

90.3430, -16.9311, 17.2392



Tritanopia

91.3030, 3.7946, -3.7737

Trichromacy



Original Color

87.3140, -16.4238, -5.5374

Protanomaly

88.4400, -17.4719, 3.9991

Deuteranomaly

89.2880, -16.9040, 8.5174

Tritanomaly

90.0550, -3.4781, -4.4332

Monochromacy



Original Color

87.3140, -16.4238, -5.5374

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3820, -6.1043, -2.0890

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3140, -16.4238, -5.5374 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(81, 97, 54)` looks like.

```
.text, #text, p{  
    color:rgb(81, 97, 54)  
}
```

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(81, 97, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 97, 54) }
```

Border

The CSS property to change the border of an element to YUV 87.3140, -16.4238, -5.5374 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(81, 97, 54) }
```


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

```
.border{ border-color:rgb(81, 97, 54) }
```

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

Here you see how a box with a 4 pixel rgb(81, 97, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 97, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 97, 54);  
box-shadow:4px 4px 4px 4px rgb(81, 97, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.3140, -16.4238, -5.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 97, 54) }
```

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

```
.background{ background-color: rgb(81, 97,  
54) }
```

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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