

Converting Colors

YUV(121.6750, -40.7588,
6.4240)

Have a look what the booklet for
YUV(121.6750, -40.7588, 6.4240)
contains.

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Color

**YUV(121.6750, -40.7588,
6.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	818627
RGB	129, 134, 39
RGB Percent	51%, 53%, 15%
CMY	0.4941, 0.4745, 0.8471
CMYK	0.04, 0.00, 0.71, 0.47
HSL	63°, 55%, 34%
HSV	63°, 71%, 53%
XYZ	17.9446, 21.8638, 5.1938
YIQ	121.6750, 27.5150, -30.6050

Conversions

Conversions Part 2

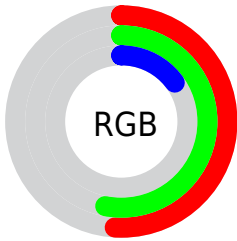
Format	Color
RYB	39, 134, 44
Decimal	8488487
CIELab	53.88, -14.38, 47.95
CIELCh	54, 50.063, 106.692
Yxy	21.8638, 0.3987, 0.4858
Android (android.graphics.Color)	4286678567 (0xFF818627)
YUV	121.6750, -40.7588, 6.4240
Hunter-Lab	46.7587, -13.3250, 26.1454

Details

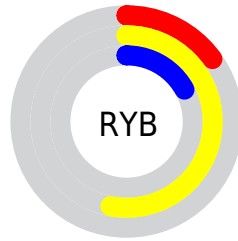
The YUV color **121.6750, -40.7588, 6.4240** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **51.3250, 40.7588, -6.4240**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0450, -41.9272, 7.8535**, and **72.6190, -35.8012, 2.9651** is the 20% darker color. If you saturate the color by 10%, you get **119.8940, -46.2897, 7.1090**, and if you desaturate by 10%, it is **123.4560, -35.2278, 5.7391**.

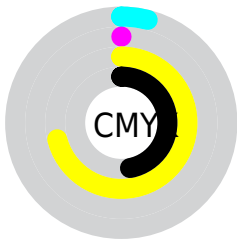
Distribution



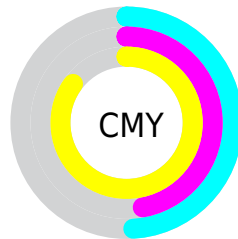
- Red (51%)
- Green (53%)
- Blue (15%)



- Red (15%)
- Yellow (53%)
- Blue (17%)



- Cyan (4%)
- Magenta (0%)
- Yellow (71%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6750, -40.7588, 6.4240 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 121.6750, -40.7588, 6.4240 by changing the saturation by 10% instead.

■ 121.6750,
-40.7588, 6.4240

■ 121.6750,
-40.7588, 6.4240

■ 255.0000, 0.0000,
0.0000

■ 95.3930, -43.0847,
5.7943

■ 175.0450,
-41.9272, 7.8535

■ 72.6190, -35.8012,
2.9651

■ 203.2300,
-42.5114, 8.5683

■ 51.9420, -25.6074,
0.0509

■ 231.3010,
-43.5324, 9.3830

■ 31.2540, -15.4082,
-4.6078

■ 245.3100,
-37.1278, 8.4981

■ 12.3270, -6.0772,
-10.8108

■ 248.5020,
-24.8975, 5.6987

■ 0.0000, 0.0000,
0.0000

■ 251.8080,

-12.2303, 2.7994

■ 121.6750,
-40.7588, 6.4240

■ 121.6750,
-40.7588, 6.4240

■ 119.8940,
-46.2897, 7.1090

■ 123.4560,
-35.2278, 5.7391

■ 118.2980,
-52.4049, 8.5087

■ 125.0520,
-29.1126, 4.3394

■ 116.6310,
-57.4991, 9.0936

■ 126.8330,
-23.5817, 3.6545

■ 128.7280,
-17.6139, 2.8695

■ 130.5090,
-12.0829, 2.1846

■ 131.9910, -6.4046,
0.8849

■ 133.8860, -0.4368,
0.1000

■ 135.6670, 5.0942,
-0.5850

■ 137.2630, 11.2093,
-1.9847

Harmonies

Analogous

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



125.2320, -42.0194, 37.5075



121.6750, -40.7588, 6.4240



115.6730, -24.4888, -32.1622

Triad

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



121.6750, -40.7588, 6.4240



108.0630, 40.8879, -94.7713



130.3060, 9.7091, 59.3676

Complementary

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



121.6750, -40.7588, 6.4240



51.3250, 40.7588, -6.4240

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.



132.6790, 27.2733, 25.7145



121.6750, -40.7588, 6.4240



105.8750, 52.8126, -92.8524

Square

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



121.6750, -40.7588, 6.4240



105.3780, 22.9846, -92.4165



125.9480, 42.4236, -27.1414



127.1060, -10.4053, 70.9440

Rectangle

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



121.6750, -40.7588, 6.4240



101.0770, -3.9820, -76.3665



125.9480, 42.4236, -27.1414



131.5590, 15.9934, 50.3758

Sweetspot

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



121.6750, -40.7588, 6.4240



168.2980, -15.4299, 2.3697



70.3400, -15.4506, 55.8298



84.1930, -9.4621, 1.5847



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



121.6750, -40.7588, 6.4240



154.1490, -63.1775, 10.3933



107.6220, -33.8306, -22.4705



65.3160, -2.6208, 0.5999



113.0870, -55.7519, 8.6937



2.3590, -1.1630, -0.3148

Inverse Universe

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



51.3250, 40.7588, -6.4240



45.1500, 63.0300, -9.7785



65.3780, 33.8306, 22.4705



60.6840, 2.6208, -0.5999



16.9130, 55.7519, -8.6937



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 121.6750, -40.7588, 6.4240 looks on a white 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

Black Background



This preview shows how the YUV color 121.6750, -40.7588, 6.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

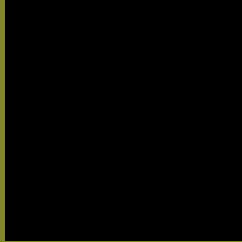
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.6750, -40.7588, 6.4240

Background



This preview shows how black text looks on a background with the YUV color 121.6750, -40.7588, 6.4240.



This preview shows how white text looks on a background with the YUV color 121.6750, -40.7588, 6.4240.

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

121.6750, -40.7588, 6.4240

Protanopia

123.1110, -41.9597, 18.3197

Deuteranopia

124.7690, -39.8191, 31.7746



Tritanopia

130.0270, 2.4517, 6.9923

Trichromacy



Original Color

121.6750, -40.7588, 6.4240

Protanomaly

122.7900, -41.8015, 14.2162

Deuteranomaly

123.3010, -40.0814, 22.5380

Tritanomaly

126.9010, -13.2622, 7.1028

Monochromacy



Original Color

121.6750, -40.7588, 6.4240

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8250, -14.7037, 2.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6750, -40.7588, 6.4240 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(129, 134, 39)` looks like.

```
.text, #text, p{  
    color:rgb(129, 134, 39)  
}
```

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(129, 134, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 134, 39) }
```

Border

The CSS property to change the border of an element to YUV 121.6750, -40.7588, 6.4240 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(129, 134, 39) }
```


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

```
.border{ border-color:rgb(129, 134, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 134, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 134, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 134, 39);  
box-shadow:4px 4px 4px 4px rgb(129, 134,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 121.6750, -40.7588, 6.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 134, 39) }
```

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

```
.background{ background-color: rgb(129,  
134, 39) }
```

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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