

Converting Colors

YUV(124.4330, -33.7375,
-5.6417)

Have a look what the booklet for
YUV(124.4330, -33.7375, -5.6417)
contains.

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Color

**YUV(124.4330, -33.7375,
-5.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	768D38
RGB	118, 141, 56
RGB Percent	46%, 55%, 22%
CMY	0.5373, 0.4471, 0.7804
CMYK	0.16, 0.00, 0.60, 0.45
HSL	76°, 43%, 39%
HSV	76°, 60%, 55%
XYZ	17.7099, 23.1868, 7.2835
YIQ	124.4330, 13.5770, -31.3110

Conversions

Conversions Part 2

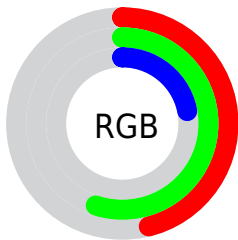
Format	Color
RYB	56, 141, 79
Decimal	7769400
CIELab	55.26, -21.59, 41.68
CIELCh	55, 46.943, 117.386
Yxy	23.1868, 0.3676, 0.4813
Android (android.graphics.Color)	4285959480 (0xFF768D38)
YUV	124.4330, -33.7375, -5.6417
Hunter-Lab	48.1527, -18.6174, 24.7388

Details

The YUV color **124.4330, -33.7375, -5.6417** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **72.5670, 33.7375, 5.6417**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9770, -35.4847, -5.2418**, and **73.5640, -35.7741, -5.7566** is the 20% darker color. If you saturate the color by 10%, you get **121.6410, -39.2630, -6.7012**, and if you desaturate by 10%, it is **127.2250, -28.2119, -4.5823**.

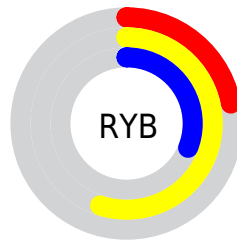
Distribution



Red (46%)

Green (55%)

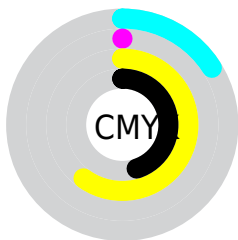
Blue (22%)



Red (22%)

Yellow (55%)

Blue (31%)

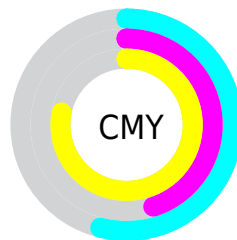


Cyan (16%)

Magenta (0%)

Yellow (60%)

Black (45%)



Cyan (54%)

Magenta (45%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.4330, -33.7375, -5.6417 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 124.4330, -33.7375, -5.6417 by changing the saturation by 10% instead.

■ 124.4330,
-33.7375, -5.6417

■ 124.4330,
-33.7375, -5.6417

■ 255.0000, 0.0000,
0.0000

■ 98.5470, -33.3007,
-5.7417

■ 177.9770,
-35.4847, -5.2418

■ 73.5640, -35.7741,
-5.7566

■ 205.7490,
-36.3583, -5.0419

■ 52.1860, -25.7277,
-8.0561

■ 233.9340,
-36.9425, -4.3271

■ 31.4980, -15.5285,
-12.7147

■ 247.2480,
-29.7023, 6.7985

■ 15.8490, -7.8136,
-13.8996

■ 250.4400,
-17.4719, 3.9991

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,

1.0998

■ 124.4330,
-33.7375, -5.6417

■ 124.4330,
-33.7375, -5.6417

■ 121.6410,
-39.2630, -6.7012

■ 127.2250,
-28.2119, -4.5823

■ 118.8490,
-44.7886, -7.7606

■ 130.0170,
-22.6864, -3.5229

■ 116.3560,
-50.4615, -8.2052

■ 132.5100,
-17.0134, -3.0783

■ 113.5640,
-55.9871, -9.2646

■ 135.3020,
-11.4879, -2.0189

■ 138.2080, -5.5255,
-1.0594

■ 141.0000, 0.0000,
0.0000

■ 143.7920, 5.5255,
1.0594

■ 146.5840, 11.0511,
2.1188

■ 149.0770, 16.7240,
2.5635

Harmonies

Analogous

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



128.3230, -40.0922, 26.0267



124.4330, -33.7375, -5.6417



116.8160, -14.6993, -45.4426

Triad

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



124.4330, -33.7375, -5.6417



109.6760, 44.5297, -96.1859



133.6670, 2.1362, 61.6820

Complementary

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



124.4330, -33.7375, -5.6417



72.5670, 33.7375, 5.6417

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.



136.5080, 19.9626, 37.2655



124.4330, -33.7375, -5.6417



113.3610, 49.1220, -75.7386

Square

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



124.4330, -33.7375, -5.6417



108.4900, 29.8314, -95.1457



133.8430, 35.0804, -5.1243



131.3520, -16.9355, 65.4663

Rectangle

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



124.4330, -33.7375, -5.6417



101.5190, 5.6601, -89.0322



133.8430, 35.0804, -5.1243



134.5290, 8.1202, 55.6641

Sweetspot

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



124.4330, -33.7375, -5.6417



177.5470, -13.0877, -2.2337



94.9160, -19.1856, 40.4157



87.9260, -7.8515, -1.6891



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



124.4330, -33.7375, -5.6417



158.0740, -52.7875, -8.8349



111.8750, -27.5464, -31.4624



69.6040, -2.7628, -0.5297



108.8460, -53.6611, -8.6349



6.4900, -3.1996, -0.4297

Inverse Universe

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



72.5670, 33.7375, 5.6417



76.9260, 52.7875, 8.8349



85.1250, 27.5464, 31.4624



65.3960, 2.7628, 0.5297



26.4530, 53.5137, 9.2497



1.5100, 3.1996, 0.4297

Previews

White Background



This preview shows how the YUV color 124.4330, -33.7375, -5.6417 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 124.4330, -33.7375, -5.6417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

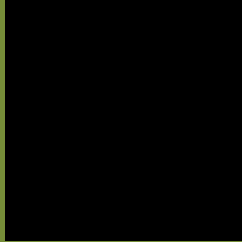
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.4330, -33.7375, -5.6417

Background



This preview shows how black text looks on a background with the YUV color 124.4330, -33.7375, -5.6417.



This preview shows how white text looks on a background with the YUV color 124.4330, -33.7375, -5.6417.

-5.6417.

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

124.4330, -33.7375, -5.6417

Protanopia

127.4790, -36.7181, 17.1199

Deuteranopia

129.5390, -34.2827, 29.3453



Tritanopia

132.0580, 5.3944, -3.5589

Trichromacy



Original Color

124.4330, -33.7375, -5.6417

Protanomaly

126.0650, -35.5280, 8.7130

Deuteranomaly

127.5760, -33.8080, 17.0348

Tritanomaly

128.9750, -8.8617, -4.3631

Monochromacy



Original Color

124.4330, -33.7375, -5.6417

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0740, -12.3615, -1.8189

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.4330, -33.7375, -5.6417 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(118, 141, 56)` looks like.

```
.text, #text, p{  
    color:rgb(118, 141, 56)  
}
```

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(118, 141, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 141, 56) }
```

Border

The CSS property to change the border of an element to YUV 124.4330, -33.7375, -5.6417 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(118, 141, 56) }
```


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

```
.border{ border-color:rgb(118, 141, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 141, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 141, 56); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 141, 56); box-shadow:4px 4px 4px 4px rgb(118, 141, 56) }
```

Background

The CSS property to change the background color of an element to YUV 124.4330, -33.7375, -5.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 141, 56) }
```

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

```
.background{ background-color: rgb(118,  
141, 56) }
```

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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