

Converting Colors

YUV(124.8840, -31.0018,
3.6097)

Have a look what the booklet for
YUV(124.8840, -31.0018, 3.6097)
contains.

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Color

**YUV(124.8840, -31.0018,
3.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	81873E
RGB	129, 135, 62
RGB Percent	51%, 53%, 24%
CMY	0.4941, 0.4706, 0.7569
CMYK	0.04, 0.00, 0.54, 0.47
HSL	65°, 37%, 39%
HSV	65°, 54%, 53%
XYZ	18.5867, 22.3429, 7.8904
YIQ	124.8840, 19.8570, -23.9750

Conversions

Conversions Part 2

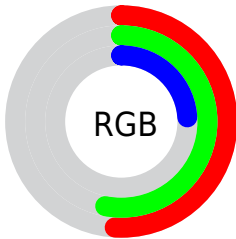
Format	Color
RYB	62, 135, 68
Decimal	8488766
CIELab	54.39, -13.18, 37.98
CIELCh	54, 40.200, 109.142
Yxy	22.3429, 0.3807, 0.4577
Android (android.graphics.Color)	4286678846 (0xFF81873E)
YUV	124.8840, -31.0018, 3.6097
Hunter-Lab	47.2682, -12.5300, 23.1906

Details

The YUV color **124.8840, -31.0018, 3.6097** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **72.1160, 31.0018, -3.6097**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8410, -32.4596, 4.5244**, and **74.5850, -30.8544, 2.9950** is the 20% darker color. If you saturate the color by 10%, you get **123.1030, -36.5328, 4.2947**, and if you desaturate by 10%, it is **126.7790, -25.0340, 2.8248**.

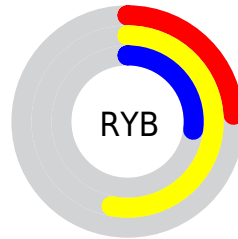
Distribution



Red (51%)

Green (53%)

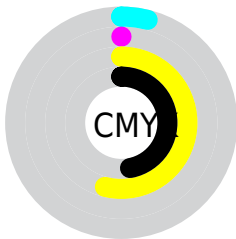
Blue (24%)



Red (24%)

Yellow (53%)

Blue (27%)

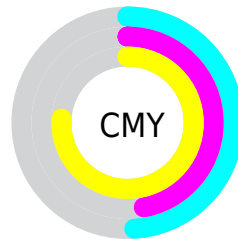


Cyan (4%)

Magenta (0%)

Yellow (54%)

Black (47%)



Cyan (49%)

Magenta (47%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.8840, -31.0018, 3.6097 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 124.8840, -31.0018, 3.6097 by changing the saturation by 10% instead.

■ 124.8840,
-31.0018, 3.6097

■ 124.8840,
-31.0018, 3.6097

■ 255.0000, 0.0000,
0.0000

■ 99.6990, -30.4176,
2.8950

■ 177.8410,
-32.4596, 4.5244

■ 74.5850, -30.8544,
2.9950

■ 205.9120,
-33.4806, 5.3392

■ 52.5400, -25.9022,
1.2804

■ 233.7980,
-33.9174, 5.4392

■ 32.4500, -15.9978,
-2.1486

■ 247.8180,
-27.5183, 6.2986

■ 12.3270, -6.0772,
-10.8108

■ 251.0100,
-15.2879, 3.4992

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,

0.5999

■ 124.8840,
-31.0018, 3.6097

■ 124.8840,
-31.0018, 3.6097

■ 123.1030,
-36.5328, 4.2947

■ 126.7790,
-25.0340, 2.8248

■ 121.2080,
-42.5005, 5.0796

■ 128.5600,
-19.5031, 2.1399

■ 119.3130,
-48.4683, 5.8645

■ 130.4550,
-13.5353, 1.3550

■ 117.5320,
-53.9993, 6.5494

■ 132.2360, -8.0043,
0.6700

■ 116.3210,
-57.3463, 6.7345

■ 134.4300, -2.1840,
0.4999

■ 136.2110, 3.3470,
-0.1850

■ 137.9920, 8.8779,
-0.8700

■ 139.8870, 14.8457,
-1.6549

■ 141.7820, 20.8135,
-2.4398

Harmonies

Analogous

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



128.1800, -33.1197, 29.6601



124.8840, -31.0018, 3.6097



120.0140, -18.2479, -27.1993

Triad

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



124.8840, -31.0018, 3.6097



105.8630, 37.5355, -92.8419



132.5020, 5.6685, 48.6717

Complementary

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



124.8840, -31.0018, 3.6097



72.1160, 31.0018, -3.6097

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.



133.9470, 20.7321, 23.7255



124.8840, -31.0018, 3.6097



111.6620, 42.5646, -72.4946

Square

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



124.8840, -31.0018, 3.6097



104.2040, 23.5634, -91.3869



130.0930, 32.4922, -14.9906



130.9040, -10.7987, 57.0892

Rectangle

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



124.8840, -31.0018, 3.6097



113.4050, -4.6367, -52.9752



130.0930, 32.4922, -14.9906



133.5380, 11.0738, 41.6242

Sweetspot

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



124.8840, -31.0018, 3.6097



172.2100, -11.9355, 1.5698



86.7620, -12.2077, 42.3047



86.7630, -7.2782, 1.0848



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



124.8840, -31.0018, 3.6097



160.3130, -48.4683, 5.8645



114.4190, -25.8426, -17.9075



65.3160, -2.6208, 0.5999



111.8910, -55.1623, 6.2346



2.3590, -1.1630, -0.3148

Inverse Universe

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



72.1160, 31.0018, -3.6097



77.6870, 48.4683, -5.8645



82.5810, 25.8426, 17.9075



60.6840, 2.6208, -0.5999



18.1090, 55.1623, -6.2346



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 124.8840, -31.0018, 3.6097 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 124.8840, -31.0018, 3.6097 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 124.8840, -31.0018, 3.6097

Background



This preview shows how black text looks on a background with the YUV color 124.8840, -31.0018, 3.6097.



This preview shows how white text looks on a background with the YUV color 124.8840, -31.0018,

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

124.8840, -31.0018, 3.6097

Protanopia

126.2060, -32.6396, 15.6053

Deuteranopia

128.0380, -31.0777, 28.0307



Tritanopia

131.1300, 2.8939, 5.1480

Trichromacy



Original Color

124.8840, -31.0018, 3.6097

Protanomaly

125.9990, -32.0445, 11.4019

Deuteranomaly

126.9830, -31.0506, 19.3089

Tritanomaly

128.9160, -9.3256, 4.4587

Monochromacy



Original Color

124.8840, -31.0018, 3.6097

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0250, -11.3513, 0.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8840, -31.0018, 3.6097 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, 135, 62)` looks like.

```
.text, #text, p{  
    color:rgb(129, 135, 62)  
}
```

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, 135, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 135, 62) }
```

Border

The CSS property to change the border of an element to YUV 124.8840, -31.0018, 3.6097 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, 135, 62) }
```


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

```
.border{ border-color:rgb(129, 135, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 135, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 135, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 135, 62);  
box-shadow:4px 4px 4px 4px rgb(129, 135,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 124.8840, -31.0018, 3.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 135, 62) }
```

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

```
.background{ background-color: rgb(129,  
135, 62) }
```

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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