

Converting Colors

YUV(133.9840, -29.0791,
40.3560)

Have a look what the booklet for
YUV(133.9840, -29.0791, 40.3560)
contains.

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Color

**YUV(133.9840, -29.0791,
40.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	B47A4B
RGB	180, 122, 75
RGB Percent	71%, 48%, 29%
CMY	0.2941, 0.5216, 0.7059
CMYK	0.00, 0.32, 0.58, 0.29
HSL	27°, 41%, 50%
HSV	27°, 58%, 71%
XYZ	27.0519, 24.1304, 9.8884
YIQ	133.9840, 49.6550, -2.3210

Conversions

Conversions Part 2

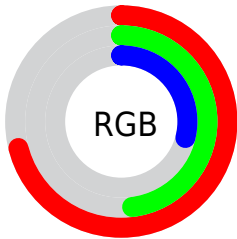
Format	Color
R_{YB}	180, 160, 75
Decimal	11827787
CIE Lab	56.22, 17.61, 34.62
CIE LCh	56, 38.837, 63.037
Yxy	24.1304, 0.4430, 0.3951
Android (android.graphics.Color)	4290017867 (0xFFB47A4B)
YUV	133.9840, -29.0791, 40.3560
Hunter-Lab	49.1227, 12.3355, 22.4507

Details

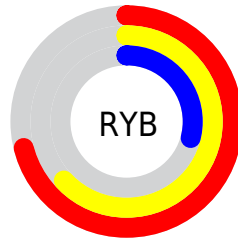
The YUV color **133.9840, -29.0791, 40.3560** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **121.0160, 29.0791, -40.3560**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4360, -31.2739, 44.3446**, and **83.1190, -27.1737, 35.8526** is the 20% darker color. If you saturate the color by 10%, you get **126.0620, -34.0476, 47.3036**, and if you desaturate by 10%, it is **141.9060, -24.1107, 33.4084**.

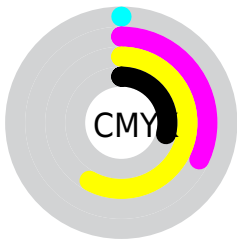
Distribution



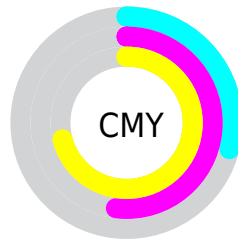
- Red (71%)
- Green (48%)
- Blue (29%)



- Red (71%)
- Yellow (63%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (58%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9840, -29.0791, 40.3560 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 133.9840, -29.0791, 40.3560 by changing the saturation by 10% instead.

■ 133.9840,
-29.0791, 40.3560

■ 133.9840,
-29.0791, 40.3560

■ 255.0000, 0.0000,
0.0000

■ 108.2010,
-28.2001, 38.4117

■ 188.4360,
-31.2739, 44.3446

■ 83.1190, -27.1737,
35.8526

■ 212.0330,
-30.0893, 37.6821

■ 58.5100, -26.8734,
32.8787

■ 231.5470,
-26.3987, 20.5683

■ 37.9530, -18.7108,
28.1052

■ 249.4140,
-21.4031, 4.8989

■ 17.2650, -8.5116,
23.4466

■ 252.6060, -9.1728,
2.0995

■ 0.8970, -0.4422,
1.8443

■ 0.0000, 0.0000,

0.0000

■ 133.9840,
-29.0791, 40.3560

■ 133.9840,
-29.0791, 40.3560

■ 126.0620,
-34.0476, 47.3036

■ 141.9060,
-24.1107, 33.4084

■ 118.1400,
-39.0160, 54.2512

■ 149.8280,
-19.1422, 26.4608

■ 110.2180,
-43.9845, 61.1988

■ 157.7500,
-14.1737, 19.5133

■ 102.2960,
-48.9529, 68.1464

■ 165.6720, -9.2053,
12.5657

■ 101.3670,
-49.9739, 68.9611

■ 173.5940, -4.2368,
5.6181

■ 181.5160, 0.7316,
-1.3295

■ 189.4380, 5.7001,
-8.2771

■ 197.3600, 10.6685,
-15.2247

■ 204.6950, 15.9264,
-21.6575

Harmonies

Analogous

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



135.4600, -17.4818, 53.9706



133.9840, -29.0791, 40.3560



131.6300, -32.3556, 17.8645

Triad

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



133.9840, -29.0791, 40.3560



104.8420, 15.8539, -91.9464



137.6070, 26.3227, 3.8527

Complementary

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



133.9840, -29.0791, 40.3560



121.0160, 29.0791, -40.3560

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.



128.8620, 36.0570, -38.4670



133.9840, -29.0791, 40.3560



108.1310, 30.9944, -94.8309

Square

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



133.9840, -29.0791, 40.3560



121.9180, -9.3266, -42.0241



107.8180, 42.4877, -94.5564



139.0750, 13.2740, 35.8912

Rectangle

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



133.9840, -29.0791, 40.3560



129.4320, -28.8070, -0.3789



107.8180, 42.4877, -94.5564



135.8550, 30.1445, -8.6428

Sweetspot

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



133.9840, -29.0791, 40.3560



216.0100, -11.8369, 16.6542



113.1210, 10.2933, 58.6529



105.8180, -7.3053, 9.8066



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



133.9840, -29.0791, 40.3560



162.7730, -45.7371, 63.3431



163.9210, -43.8381, 14.1013



85.0390, -2.4842, 3.4738



85.6630, -42.2319, 59.0545



14.2310, -7.0159, 10.3214

Inverse Universe

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



121.0160, 29.0791, -40.3560



142.2270, 45.7371, -63.3431



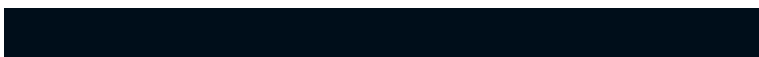
91.0790, 43.8381, -14.1013



83.9610, 2.4842, -3.4738



67.3370, 42.2319, -59.0545



11.1820, 7.3053, -9.8066

Previews

White Background



This preview shows how the YUV color 133.9840, -29.0791, 40.3560 looks on a white background.

Color Contrast Check

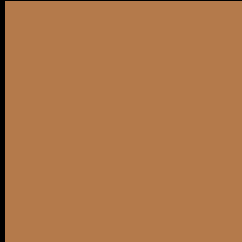
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9840, -29.0791, 40.3560 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 133.9840, -29.0791, 40.3560

Background



This preview shows how black text looks on a background with the YUV color 133.9840, -29.0791, 40.3560.



This preview shows how white text looks on a background with the YUV color 133.9840, -29.0791, 40.3560.

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

133.9840, -29.0791, 40.3560

Protanopia

132.6170, -25.9402, 13.4909

Deuteranopia

133.3800, -29.7673, 27.7307



Tritanopia

137.3580, -6.0925, 40.9050

Trichromacy



Original Color

133.9840, -29.0791, 40.3560

Protanomaly

133.0420, -27.1357, 23.6422

Deuteranomaly

133.2280, -29.1994, 32.2490

Tritanomaly

136.1810, -14.3862, 41.0603

Monochromacy



Original Color

133.9840, -29.0791, 40.3560

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.3410, -10.5211, 14.6099

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9840, -29.0791, 40.3560 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(180, 122, 75)` looks like.

```
.text, #text, p{  
    color:rgb(180, 122, 75)  
}
```

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(180, 122, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 122, 75) }
```

Border

The CSS property to change the border of an element to YUV 133.9840, -29.0791, 40.3560 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(180, 122, 75) }
```


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

```
.border{ border-color:rgb(180, 122, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 122, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 122, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 122, 75);  
box-shadow:4px 4px 4px 4px rgb(180, 122,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 133.9840, -29.0791, 40.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 122, 75) }
```

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

```
.background{ background-color: rgb(180,  
122, 75) }
```

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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