

Converting Colors

YUV(133.4070, -44.0777,
44.3701)

Have a look what the booklet for
YUV(133.4070, -44.0777, 44.3701)
contains.

YUV(133.4070, -44.0777, 44.3701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.4070, -44.0777,
44.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	B87D2C
RGB	184, 125, 44
RGB Percent	72%, 49%, 17%
CMY	0.2784, 0.5098, 0.8275
CMYK	0.00, 0.32, 0.76, 0.28
HSL	35°, 61%, 45%
HSV	35°, 76%, 72%
XYZ	27.5554, 25.0394, 5.7636
YIQ	133.4070, 61.1650, -12.6830

Conversions

Conversions Part 2

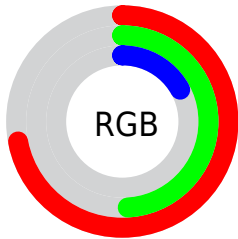
Format	Color
R _Y B	146, 184, 44
Decimal	12090668
CIE Lab	57.11, 15.78, 50.96
CIE LCh	57, 53.350, 72.799
Yxy	25.0394, 0.4722, 0.4291
Android (android.graphics.Color)	4290280748 (0xFFB87D2C)
YUV	133.4070, -44.0777, 44.3701
Hunter-Lab	50.0394, 10.7263, 28.1984

Details

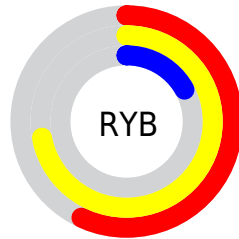
The YUV color **133.4070, -44.0777, 44.3701** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **94.5930, 44.0777, -44.3701**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2720, -45.9831, 48.8735**, and **82.2860, -40.5670, 38.3372** is the 20% darker color. If you saturate the color by 10%, you get **126.6590, -49.6249, 50.2881**, and if you desaturate by 10%, it is **140.1550, -38.5304, 38.4521**.

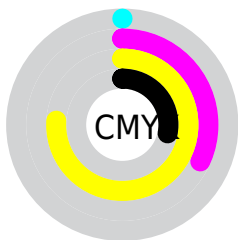
Distribution



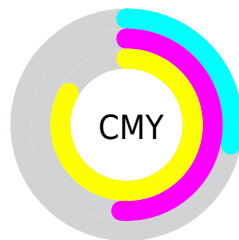
- Red (72%)
- Green (49%)
- Blue (17%)



- Red (57%)
- Yellow (72%)
- Blue (17%)



- Cyan (0%)
- Magenta (32%)
- Yellow (76%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4070, -44.0777, 44.3701 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 133.4070, -44.0777, 44.3701 by changing the saturation by 10% instead.

■ 133.4070,
-44.0777, 44.3701

■ 133.4070,
-44.0777, 44.3701

■ 255.0000, 0.0000,
0.0000

■ 106.8690,
-44.7984, 42.2109

■ 188.2720,
-45.9831, 48.8735

■ 82.2860, -40.5670,
38.3372

■ 210.3740,
-44.0614, 39.1370

■ 60.4130, -29.7836,
32.9638

■ 229.8880,
-40.3708, 22.0232

■ 40.0130, -19.7264,
27.1756

■ 245.8800,
-34.9438, 7.9982

■ 19.9120, -9.8166,
22.0022

■ 249.0720,
-22.7135, 5.1989

■ 2.6910, -1.3267,
5.5330

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 133.4070,
-44.0777, 44.3701

■ 133.4070,
-44.0777, 44.3701

■ 126.6590,
-49.6249, 50.2881

■ 140.1550,
-38.5304, 38.4521

■ 119.7970,
-55.6089, 56.3060

■ 147.0170,
-32.5464, 32.4341

■ 117.2380,
-57.7983, 58.5503

■ 153.1780,
-26.7098, 27.0309

■ 160.0400,
-20.7257, 21.0129

■ 166.7880,
-15.1785, 15.0949

■ 173.5360, -9.6312,
9.1769

■ 179.8110, -3.3578,
3.6738

■ 186.5590, 2.1894,
-2.2442

■ 193.4210, 8.1734,
-8.2622

Harmonies

Analogous

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



134.8610, -29.0185, 67.6509



133.4070, -44.0777, 44.3701



129.8560, -45.2850, 11.5273

Triad

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



133.4070, -44.0777, 44.3701



111.7040, 21.8379, -97.9644



140.9110, 32.0889, 21.1261

Complementary

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



133.4070, -44.0777, 44.3701



94.5930, 44.0777, -44.3701

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.



130.9510, 47.8452, -39.4220



133.4070, -44.0777, 44.3701



114.8450, 41.4884, -100.7191

Square

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



133.4070, -44.0777, 44.3701



105.0580, 1.4504, -92.1359



113.8140, 55.3077, -99.8149



139.2290, 13.1981, 60.3122

Rectangle

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



133.4070, -44.0777, 44.3701



126.3950, -36.1837, -14.3784



113.8140, 55.3077, -99.8149



139.8810, 37.5267, 3.6124

Sweetspot

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



133.4070, -44.0777, 44.3701



219.6420, -17.0785, 17.8540



92.8140, 6.0077, 79.9701



107.9060, -10.7997, 10.6064



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



133.4070, -44.0777, 44.3701



161.1440, -68.5980, 69.1567



165.3490, -59.8251, 8.4639



88.6260, -2.7736, 2.9590



99.4740, -49.0407, 49.5733



17.7640, -8.7577, 8.9770

Inverse Universe

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



94.5930, 44.0777, -44.3701



100.2690, 68.8874, -68.6419



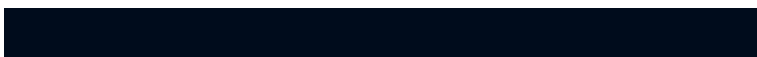
62.6510, 59.8251, -8.4639



85.7870, 3.0630, -2.4442



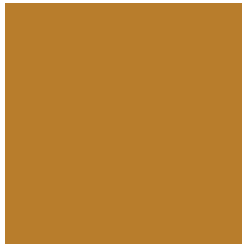
56.5260, 49.0407, -49.5733



10.2360, 8.7577, -8.9770

Previews

White Background



This preview shows how the YUV color 133.4070, -44.0777, 44.3701 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 133.4070, -44.0777, 44.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

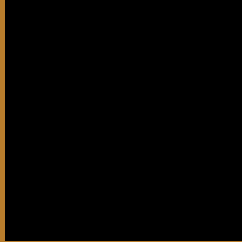
Any Text WCAG AA ✓ Pass

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 133.4070, -44.0777, 44.3701 Background



This preview shows how black text looks on a background with the YUV color 133.4070, -44.0777, 44.3701.



This preview shows how white text looks on a background with the YUV color 133.4070, -44.0777, 44.3701.

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

133.4070, -44.0777, 44.3701

Protanopia

132.4100, -42.1071, 18.9344

Deuteranopia

133.1130, -44.9187, 34.1039



Tritanopia

139.5540, -6.6821, 43.3641

Trichromacy



Original Color

133.4070, -44.0777, 44.3701

Protanomaly

132.6500, -42.7185, 28.3709

Deuteranomaly

133.2490, -44.4928, 37.4926

Tritanomaly

137.2970, -20.3594, 43.5895

Monochromacy



Original Color

133.4070, -44.0777, 44.3701

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2720, -15.9101, 16.4245

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4070, -44.0777, 44.3701 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(184, 125, 44)` looks like.

```
.text, #text, p{  
    color:rgb(184, 125, 44)  
}
```

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(184, 125, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 125, 44) }
```

Border

The CSS property to change the border of an element to YUV 133.4070, -44.0777, 44.3701 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(184, 125, 44) }
```


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

```
.border{ border-color:rgb(184, 125, 44) }
```

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

Here you see how a box with a 4 pixel rgb(184, 125, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 125, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 125, 44);  
box-shadow:4px 4px 4px 4px rgb(184, 125,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 133.4070, -44.0777, 44.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 125, 44) }
```

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

```
.background{ background-color: rgb(184,  
125, 44) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor