

Converting Colors

YUV(121.3850, -44.0668,
40.8814)

Have a look what the booklet for
YUV(121.3850, -44.0668, 40.8814)
contains.

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Color

**YUV(121.3850, -44.0668,
40.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	A87320
RGB	168, 115, 32
RGB Percent	66%, 45%, 13%
CMY	0.3412, 0.5490, 0.8745
CMYK	0.00, 0.32, 0.81, 0.34
HSL	37°, 68%, 39%
HSV	37°, 81%, 66%
XYZ	22.5399, 20.6906, 4.1722
YIQ	121.3850, 58.2310, -14.5770

Conversions

Conversions Part 2

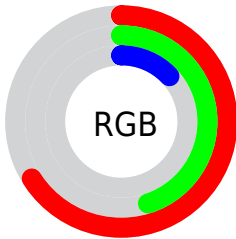
Format	Color
R_{YB}	119, 168, 32
Decimal	11039520
CIE _{Lab}	52.61, 13.76, 50.87
CIE _{LCh}	53, 52.693, 74.866
Yxy	20.6906, 0.4755, 0.4365
Android (android.graphics.Color)	4289229600 (0xFFA87320)
YUV	121.3850, -44.0668, 40.8814
Hunter-Lab	45.4869, 8.8491, 26.4026

Details

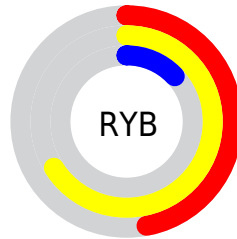
The YUV color **121.3850, -44.0668, 40.8814** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **78.6150, 44.0668, -40.8814**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3640, -45.5355, 45.2848**, and **72.5180, -35.7514, 33.7487** is the 20% darker color. If you saturate the color by 10%, you get **115.3380, -49.4666, 46.1846**, and if you desaturate by 10%, it is **127.4320, -38.6670, 35.5781**.

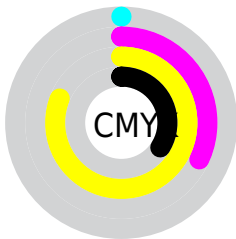
Distribution



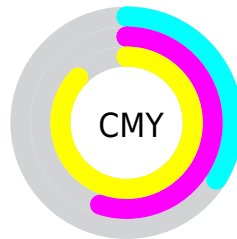
- Red (66%)
- Green (45%)
- Blue (13%)



- Red (47%)
- Yellow (66%)
- Blue (13%)



- Cyan (0%)
- Magenta (32%)
- Yellow (81%)
- Black (34%)



- Cyan (34%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3850, -44.0668, 40.8814 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 121.3850, -44.0668, 40.8814 by changing the saturation by 10% instead.

■ 121.3850,
-44.0668, 40.8814

■ 121.3850,
-44.0668, 40.8814

■ 255.0000, 0.0000,
0.0000

■ 94.3910, -46.5348,
39.1221

■ 175.3640,
-45.5355, 45.2848

■ 72.5180, -35.7514,
33.7487

■ 202.5490,
-46.1197, 45.9995

■ 51.2320, -25.2574,
27.8605

■ 222.0630,
-42.4291, 28.8857

■ 31.1310, -15.3476,
22.6871

■ 241.5770,
-38.7385, 11.7720

■ 9.8670, -4.8644,
20.2876

■ 247.5900,
-28.3919, 6.4986

■ 0.0000, 0.0000,
0.0000

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

121.3850,
-44.0668, 40.8814

121.3850,
-44.0668, 40.8814

115.3380,
-49.4666, 46.1846

127.4320,
-38.6670, 35.5781

110.6930,
-54.5716, 50.2582

132.8920,
-32.9778, 30.7897

138.8250,
-28.0147, 25.5865

144.2850,
-22.3255, 20.7981

150.3320,
-16.9257, 15.4948

■ 155.7920,
-11.2365, 10.7064

■ 161.8390, -5.8366,
5.4032

■ 167.1850, -0.5842,
0.7148

■ 173.2320, 4.8156,
-4.5885

Harmonies

Analogous

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



123.0240, -29.5918, 64.8770



121.3850, -44.0668, 40.8814



117.7740, -44.2586, 8.9682

Triad

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



121.3850, -44.0668, 40.8814



103.0470, 21.6688, -90.3722



129.6510, 29.7521, 23.9851

Complementary

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



121.3850, -44.0668, 40.8814



78.6150, 44.0668, -40.8814

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.



120.7020, 45.5029, -34.8187



121.3850, -44.0668, 40.8814



106.5470, 40.1563, -93.4417

Square

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



121.3850, -44.0668, 40.8814



97.1020, 1.4287, -85.1585



104.7010, 53.3914, -91.8228



126.7730, 11.4509, 60.7121

Rectangle

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



121.3850, -44.0668, 40.8814



114.5410, -34.2837, -17.1375



104.7010, 53.3914, -91.8228



128.3330, 35.3318, 7.6010

Sweetspot

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



121.3850, -44.0668, 40.8814



201.3320, -16.9257, 15.4948



78.8200, 3.5397, 78.2109



98.7210, -10.2155, 9.8917



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.3850, -44.0668, 40.8814



146.1110, -68.5817, 63.9237



148.3100, -57.3408, 4.9901



81.3270, -2.6262, 2.3442



97.0820, -47.8614, 44.6551



13.0240, -6.4208, 6.1180

Inverse Universe

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



78.6150, 44.0668, -40.8814



79.3020, 68.8711, -63.4089



51.6900, 57.3408, -4.9901



78.6730, 2.6262, -2.3442



50.9180, 47.8614, -44.6551



6.9760, 6.4208, -6.1180

Previews

White Background



This preview shows how the YUV color 121.3850, -44.0668, 40.8814 looks on a white background.

Color Contrast Check

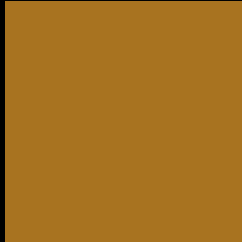
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.3850, -44.0668, 40.8814 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 121.3850, -44.0668, 40.8814

Background



This preview shows how black text looks on a background with the YUV color 121.3850, -44.0668, 40.8814.



This preview shows how white text looks on a background with the YUV color 121.3850, -44.0668, 40.8814.

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

121.3850, -44.0668, 40.8814

Protanopia

120.1110, -41.9597, 18.3197

Deuteranopia

120.5150, -44.6239, 32.8743



Tritanopia

127.6460, -6.2345, 39.7755

Trichromacy



Original Color

121.3850, -44.0668, 40.8814

Protanomaly

120.6390, -42.7130, 26.6266

Deuteranomaly

121.2380, -44.4873, 35.7483

Tritanomaly

125.3890, -19.9118, 40.0008

Monochromacy



Original Color

121.3850, -44.0668, 40.8814

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2610, -15.9047, 14.6801

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3850, -44.0668, 40.8814 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(168, 115, 32)` looks like.

```
.text, #text, p{  
    color:rgb(168, 115, 32)  
}
```

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(168, 115, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 115, 32) }
```

Border

The CSS property to change the border of an element to YUV 121.3850, -44.0668, 40.8814 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(168, 115, 32) }
```


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

```
.border{ border-color:rgb(168, 115, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 115, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 115, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 115, 32);  
box-shadow:4px 4px 4px 4px rgb(168, 115,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 121.3850, -44.0668, 40.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 115, 32) }
```

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

```
.background{ background-color: rgb(168,  
115, 32) }
```

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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