

Converting Colors

YUV(120.8870, -32.4823,
-34.9809)

Have a look what the booklet for
YUV(120.8870, -32.4823, -34.9809)
contains.

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Color

**YUV(120.8870, -32.4823,
-34.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	519A37
RGB	81, 154, 55
RGB Percent	32%, 60%, 22%
CMY	0.6824, 0.3961, 0.7843
CMYK	0.47, 0.00, 0.64, 0.40
HSL	104°, 47%, 41%
HSV	104°, 64%, 60%
XYZ	15.6385, 25.1364, 7.6420
YIQ	120.8870, -11.7290, -46.2650

Conversions

Conversions Part 2

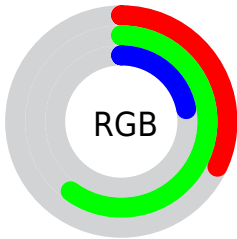
Format	Color
RYB	55, 154, 128
Decimal	5347895
CIELab	57.21, -41.57, 43.72
CIELCh	57, 60.330, 133.554
Yxy	25.1364, 0.3230, 0.5192
Android (android.graphics.Color)	4283537975 (0xFF519A37)
YUV	120.8870, -32.4823, -34.9809
Hunter-Lab	50.1362, -32.0604, 26.0581

Details

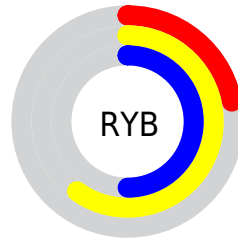
The YUV color **120.8870, -32.4823, -34.9809** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **88.1130, 32.4823, 34.9809**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4310, -34.2295, -34.5810**, and **66.1530, -32.6134, -39.5992** is the 20% darker color. If you saturate the color by 10%, you get **115.8880, -37.4128, -40.2438**, and if you desaturate by 10%, it is **125.8860, -27.5518, -29.7180**.

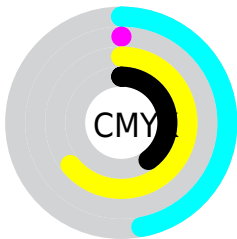
Distribution



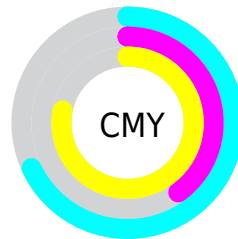
- Red (32%)
- Green (60%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (50%)



- Cyan (47%)
- Magenta (0%)
- Yellow (64%)
- Black (40%)



- Cyan (68%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8870, -32.4823, -34.9809 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 120.8870, -32.4823, -34.9809 by changing the saturation by 10% instead.

■ 120.8870,
-32.4823, -34.9809

■ 120.8870,
-32.4823, -34.9809

■ 255.0000, 0.0000,
0.0000

■ 94.2890, -32.1875,
-36.2105

■ 175.4310,
-34.2295, -34.5810

■ 66.1530, -32.6134,
-39.5992

■ 203.7900,
-35.3925, -34.8958

■ 45.1990, -22.2831,
-39.6395

■ 225.2190,
-32.6460, -29.1331

■ 31.6980, -15.6271,
-27.7991

■ 237.0820,
-24.6904, -14.1039

■ 19.3710, -9.5499,
-16.9884

■ 248.9450,
-16.7349, 0.9252

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,

1.0998

■ 120.8870,
-32.4823, -34.9809

■ 120.8870,
-32.4823, -34.9809

■ 115.8880,
-37.4128, -40.2438

■ 125.8860,
-27.5518, -29.7180

■ 110.4760,
-42.6327, -46.0215

■ 131.2980,
-22.3319, -23.9403

■ 105.4770,
-47.5632, -51.2843

■ 136.2970,
-17.4014, -18.6775

■ 102.3580,
-50.4625, -54.6880

■ 141.4100,
-12.0341, -13.5146

■ 146.7080, -7.2510,
-7.6369

■ 151.7070, -2.3206,
-2.3740

■ 156.8200, 3.0467,
2.7889

■ 162.1180, 7.8298,
8.6665

■ 167.2310, 13.1971,
13.8294

Harmonies

Analogous

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



127.2230, -55.3259, 12.0824



120.8870, -32.4823, -34.9809



106.0040, -0.0020, -92.9655

Triad

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



120.8870, -32.4823, -34.9809



115.7690, 60.2599, -101.5294



133.0740, -8.4175, 86.7581

Complementary

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



120.8870, -32.4823, -34.9809



88.1130, 32.4823, 34.9809

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.



137.4520, 15.0602, 69.7636



120.8870, -32.4823, -34.9809



128.7310, 54.8556, -47.9991

Square

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



120.8870, -32.4823, -34.9809



117.7460, 44.9882, -103.2632



141.5570, 35.7144, 24.9445



133.2920, -32.6820, 76.0429

Rectangle

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



120.8870, -32.4823, -34.9809



111.2820, 15.1440, -97.5943



141.5570, 35.7144, 24.9445



134.1260, -0.5551, 84.9585

Sweetspot

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



120.8870, -32.4823, -34.9809



188.2960, -12.4709, -13.4146



127.4520, -35.7188, 23.2826



94.2950, -7.5404, -8.1517



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.8870, -32.4823, -34.9809



149.2440, -50.8993, -54.5880



115.7350, -18.6034, -53.2646



74.2940, -2.6099, -2.8888



93.2430, -45.9688, -49.3251



8.5280, -4.2043, -4.8481

Inverse Universe

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



88.1130, 32.4823, 34.9809



98.0550, 50.7519, 55.2028



93.2650, 18.6034, 53.2646



71.4070, 2.7573, 2.2741



46.7570, 45.9688, 49.3251



4.1730, 4.3517, 4.2333

Previews

White Background



This preview shows how the YUV color 120.8870, -32.4823, -34.9809 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 120.8870, -32.4823, -34.9809 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 120.8870, -32.4823, -34.9809 Background



This preview shows how black text looks on a background with the YUV color 120.8870, -32.4823, -34.9809.



This preview shows how white text looks on a background with the YUV color 120.8870, -32.4823, -34.9809.

-34.9809.

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

120.8870, -32.4823, -34.9809

Protanopia

131.8660, -40.3599, 18.5345

Deuteranopia

134.0230, -35.0143, 30.6748



Tritanopia

131.9130, 11.8749, -28.8647

Trichromacy



Original Color

120.8870, -32.4823, -34.9809

Protanomaly

127.8420, -37.3901, -0.7384

Deuteranomaly

129.3960, -34.2122, 6.6687

Tritanomaly

127.9500, -4.4123, -31.5281

Monochromacy



Original Color

120.8870, -32.4823, -34.9809

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8230, -11.7447, -12.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8870, -32.4823, -34.9809 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(81, 154, 55)` looks like.

```
.text, #text, p{  
    color:rgb(81, 154, 55)  
}
```

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(81, 154, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 154, 55) }
```

Border

The CSS property to change the border of an element to YUV 120.8870, -32.4823, -34.9809 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(81, 154, 55) }
```


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

```
.border{ border-color:rgb(81, 154, 55) }
```

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

Here you see how a box with a 4 pixel rgb(81, 154, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 154, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 154, 55);  
box-shadow:4px 4px 4px 4px rgb(81, 154,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 120.8870, -32.4823, -34.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 154, 55) }
```

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

```
.background{ background-color: rgb(81, 154,  
55) }
```

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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