

Converting Colors

YUV(124.2530, -44.4947,
-55.4729)

Have a look what the booklet for
YUV(124.2530, -44.4947, -55.4729)
contains.

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Color

**YUV(124.2530, -44.4947,
-55.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	3DAE22
RGB	61, 174, 34
RGB Percent	24%, 68%, 13%
CMY	0.7608, 0.3176, 0.8667
CMYK	0.65, 0.00, 0.80, 0.32
HSL	108°, 67%, 41%
HSV	108°, 80%, 68%
XYZ	17.3493, 31.3797, 6.6559
YIQ	124.2530, -22.4080, -67.4960

Conversions

Conversions Part 2

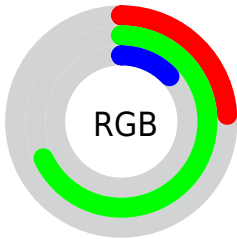
Format	Color
RYB	34, 174, 147
Decimal	4042274
CIELab	62.83, -56.14, 57.12
CIELCh	63, 80.093, 134.504
Yxy	31.3797, 0.3132, 0.5666
Android (android.graphics.Color)	4282232354 (0xFF3DAE22)
YUV	124.2530, -44.4947, -55.4729
Hunter-Lab	56.0176, -42.7474, 32.1676

Details

The YUV color **124.2530, -44.4947, -55.4729** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **83.7470, 44.4947, 55.4729**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7480, -45.2318, -52.3990**, and **70.4400, -34.7269, -61.7759** is the 20% darker color. If you saturate the color by 10%, you get **118.1290, -49.8566, -62.3801**, and if you desaturate by 10%, it is **130.3770, -39.1329, -48.5656**.

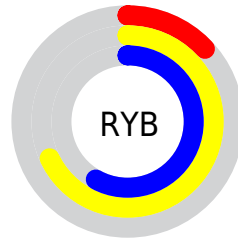
Distribution



Red (24%)

Green (68%)

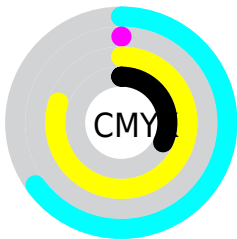
Blue (13%)



Red (13%)

Yellow (68%)

Blue (58%)

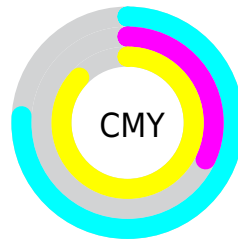


Cyan (65%)

Magenta (0%)

Yellow (80%)

Black (32%)



Cyan (76%)

Magenta (32%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2530, -44.4947, -55.4729 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 124.2530, -44.4947, -55.4729 by changing the saturation by 10% instead.

■ 124.2530,
-44.4947, -55.4729

■ 124.2530,
-44.4947, -55.4729

■ 255.0000, 0.0000,
0.0000

■ 91.6710, -45.1938,
-64.6095

■ 182.7480,
-45.2318, -52.3990

■ 70.4400, -34.7269,
-61.7759

■ 208.5850,
-44.6584, -49.6250

■ 55.1780, -27.2028,
-48.3911

■ 220.6330,
-37.2871, -33.8811

■ 40.5030, -19.9680,
-35.5211

■ 232.4960,
-29.3315, -18.8520

■ 27.5890, -13.6014,
-24.1956

■ 244.7720,
-21.0866, -3.3080

■ 10.5660, -5.2090,
-9.2664

■ 252.2640,

■ 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 124.2530,
-44.4947, -55.4729

■ 124.2530,
-44.4947, -55.4729

■ 118.1290,
-49.8566, -62.3801

■ 130.3770,
-39.1329, -48.5656

■ 112.3040,
-55.3659, -68.6726

■ 136.6150,
-33.3342, -41.7584

■ 142.7390,
-27.9723, -34.8511

■ 148.9770,
-22.1737, -28.0438

■ 155.1010,
-16.8118, -21.1366

■ 161.2250,
-11.4499, -14.2293

■ 167.4630, -5.6513,
-7.4221

■ 173.5870, -0.2894,
-0.5148

■ 179.8250, 5.5093,
6.2925

Harmonies

Analogous

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



138.4820, -68.2716, 10.9783



124.2530, -44.4947, -55.4729



118.9010, -3.8952, -104.2762

Triad

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



124.2530, -44.4947, -55.4729



129.4470, 61.8976, -113.5250



131.1290, -4.9936, 108.6349

Complementary

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



124.2530, -44.4947, -55.4729



83.7470, 44.4947, 55.4729

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.



143.9190, 23.7039, 97.4180



124.2530, -44.4947, -55.4729



121.6160, 65.7583, -91.7482

Square

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



124.2530, -44.4947, -55.4729



134.8610, 57.2565, -118.2731



155.4780, 49.0643, 36.4148



141.5740, -43.6670, 99.4746

Rectangle

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



124.2530, -44.4947, -55.4729



125.7750, 17.3659, -110.3047



155.4780, 49.0643, 36.4148



131.9900, 5.9209, 107.8798

Sweetspot

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



124.2530, -44.4947, -55.4729



207.5740, -17.5380, -21.5514



141.6040, -53.0488, 28.4113



103.0510, -10.8711, -13.1997



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



124.2530, -44.4947, -55.4729



148.6980, -69.8571, -87.4351



120.9680, -22.1692, -76.2709



83.8810, -2.8993, -3.4036



96.7210, -47.6835, -59.3913



14.6970, -7.2456, -9.3813

Inverse Universe

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



83.7470, 44.4947, 55.4729



85.0030, 70.0045, 86.8204



87.0320, 22.1692, 76.2709



81.1190, 2.8993, 3.4036



53.2790, 47.6835, 59.3913



8.3030, 7.2456, 9.3813

Previews

White Background



This preview shows how the YUV color 124.2530, -44.4947, -55.4729 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 124.2530, -44.4947, -55.4729 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 124.2530, -44.4947, -55.4729 Background



This preview shows how black text looks on a background with the YUV color 124.2530, -44.4947, -55.4729.



This preview shows how white text looks on a background with the YUV color 124.2530, -44.4947, -55.4729.

-55.4729.

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

124.2530, -44.4947, -55.4729

Protanopia

142.6590, -56.5269, 23.9781

Deuteranopia

146.0380, -47.8397, 37.6777



Tritanopia

142.5520, 15.9969, -44.3341

Trichromacy



Original Color

124.2530, -44.4947, -55.4729



Protanomaly

135.6230, -52.0721, -4.9314



Deuteranomaly

137.8720, -46.2789, 3.6203



Tritanomaly

135.7970, -5.8159, -48.0570

Monochromacy



Original Color

124.2530, -44.4947, -55.4729



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

123.9270, -16.2330, -20.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2530, -44.4947, -55.4729 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(61, 174, 34)` looks like.

```
.text, #text, p{  
    color:rgb(61, 174, 34)  
}
```

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(61, 174, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 174, 34) }
```

Border

The CSS property to change the border of an element to YUV 124.2530, -44.4947, -55.4729 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(61, 174, 34) }
```


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

```
.border{ border-color:rgb(61, 174, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 174, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 174, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 174, 34);  
box-shadow:4px 4px 4px 4px rgb(61, 174,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 124.2530, -44.4947, -55.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 174, 34) }
```

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

```
.background{ background-color: rgb(61, 174,  
34) }
```

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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