

Converting Colors

YUV(129.2090, -44.4730,
-62.4503)

Have a look what the booklet for
YUV(129.2090, -44.4730, -62.4503)
contains.

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Color

**YUV(129.2090, -44.4730,
-62.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	3AB727
RGB	58, 183, 39
RGB Percent	23%, 72%, 15%
CMY	0.7725, 0.2824, 0.8471
CMYK	0.68, 0.00, 0.79, 0.28
HSL	112°, 65%, 44%
HSV	112°, 79%, 72%
XYZ	19.0446, 34.9130, 7.6546
YIQ	129.2090, -28.2760, -71.2840

Conversions

Conversions Part 2

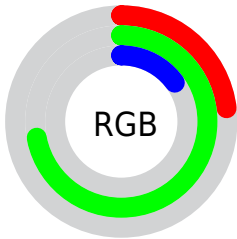
Format	Color
RYB	39, 183, 164
Decimal	3847975
CIELab	65.68, -59.49, 58.29
CIELCh	66, 83.284, 135.586
Yxy	34.9130, 0.3091, 0.5667
Android (android.graphics.Color)	4282038055 (0xFF3AB727)
YUV	129.2090, -44.4730, -62.4503
Hunter-Lab	59.0872, -45.8697, 33.6802

Details

The YUV color **129.2090, -44.4730, -62.4503** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **92.7910, 44.4730, 62.4503**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3020, -45.5049, -58.1469**, and **75.7230, -37.3314, -66.4091** is the 20% darker color. If you saturate the color by 10%, you get **122.3730, -49.9769, -70.4871**, and if you desaturate by 10%, it is **136.0450, -38.9692, -54.4135**.

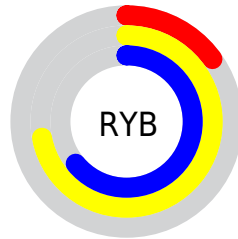
Distribution



Red (23%)

Green (72%)

Blue (15%)



Red (15%)

Yellow (72%)

Blue (64%)

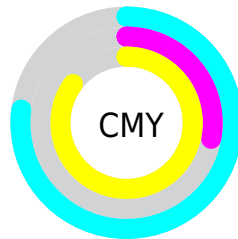


Cyan (68%)

Magenta (0%)

Yellow (79%)

Black (28%)



Cyan (77%)

Magenta (28%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2090, -44.4730, -62.4503 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 129.2090, -44.4730, -62.4503 by changing the saturation by 10% instead.

■ 129.2090,
-44.4730, -62.4503

■ 129.2090,
-44.4730, -62.4503

■ 255.0000, 0.0000,
0.0000

■ 91.8820, -45.2978,
-77.9495

■ 188.3020,
-45.5049, -58.1469

■ 75.7230, -37.3314,
-66.4091

■ 209.1550,
-42.4744, -50.1249

■ 59.8740, -29.5179,
-52.5095

■ 221.3170,
-34.6663, -34.4810

■ 45.1990, -22.2831,
-39.6395

■ 233.4790,
-26.8581, -18.8371

■ 31.6980, -15.6271,
-27.7991

■ 245.6410,
-19.0500, -3.1932

■ 16.4360, -8.1029,
-14.4144

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 129.2090,
-44.4730, -62.4503

■ 129.2090,
-44.4730, -62.4503

■ 122.3730,
-49.9769, -70.4871

■ 136.0450,
-38.9692, -54.4135

■ 115.4230,
-55.9175, -78.4240

■ 142.9950,
-33.0285, -46.4766

■ 114.5970,
-56.4963, -79.4536

■ 149.8310,
-27.5247, -38.4398

■ 156.6670,
-22.0208, -30.4030

■ 163.3180,
-15.9328, -23.0809

■ 170.1540,
-10.4289, -15.0441

■ 176.9900, -4.9251,
-7.0072

■ 183.8260, 0.5788,
1.0296

■ 190.7760, 6.5194,
8.9664

Harmonies

Analogous

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



145.2600, -71.6132, 9.4190



129.2090, -44.4730, -62.4503



125.2100, -2.5685, -109.8092

Triad

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



129.2090, -44.4730, -62.4503



134.1430, 59.5825, -117.6434



133.8190, -4.8408, 106.2757

Complementary

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



129.2090, -44.4730, -62.4503



92.7910, 44.4730, 62.4503

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.



146.4780, 25.8933, 95.1738



129.2090, -44.4730, -62.4503



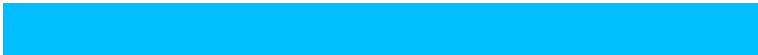
132.9120, 60.1894, -78.8528

Square

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



129.2090, -44.4730, -62.4503



140.6000, 56.3992, -123.3062



161.7130, 45.9905, 42.3477



145.6830, -45.6927, 95.8710

Rectangle

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



129.2090, -44.4730, -62.4503



132.3120, 19.5662, -116.0376



161.7130, 45.9905, 42.3477



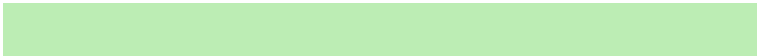
134.3210, 7.2367, 105.8355

Sweetspot

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



129.2090, -44.4730, -62.4503



215.8510, -17.6745, -24.4253



155.4310, -57.4005, 24.1780



107.0400, -10.8657, -14.9441



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.



129.2090, -44.4730, -62.4503



153.8710, -68.9564, -96.3569



129.5700, -18.5220, -79.4299



88.5820, -2.7519, -4.0184



97.8510, -48.2405, -67.3983



17.6320, -8.6926, -11.9553

Inverse Universe

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



92.7910, 44.4730, 62.4503



97.4280, 68.8090, 96.9716



92.4300, 18.5220, 79.4299



86.4180, 2.7519, 4.0184



58.1490, 48.2405, 67.3983



10.3680, 8.6926, 11.9553

Previews

White Background



This preview shows how the YUV color 129.2090, -44.4730, -62.4503 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 129.2090, -44.4730, -62.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

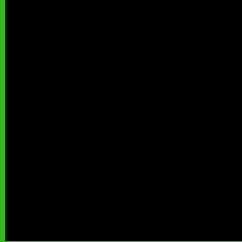
Any Text WCAG AA ✓ Pass

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 129.2090, -44.4730, -62.4503 Background



This preview shows how black text looks on a background with the YUV color 129.2090, -44.4730, -62.4503.



This preview shows how white text looks on a background with the YUV color 129.2090, -44.4730, -62.4503.

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

129.2090, -44.4730, -62.4503

Protanopia

150.3170, -57.8373, 24.2780

Deuteranopia

153.4080, -49.0081, 39.1072



Tritanopia

148.5730, 17.4655, -48.7375

Trichromacy



Original Color

129.2090, -44.4730, -62.4503



Protanomaly

142.6720, -53.0823, -7.6053



Deuteranomaly

144.6330, -47.1471, 2.0759



Tritanomaly

141.5790, -5.2154, -54.0048

Monochromacy



Original Color

129.2090, -44.4730, -62.4503



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.2040, -16.3696, -22.9809

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2090, -44.4730, -62.4503 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(58, 183, 39)` looks like.

```
.text, #text, p{  
    color:rgb(58, 183, 39)  
}
```

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(58, 183, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 183, 39) }
```

Border

The CSS property to change the border of an element to YUV 129.2090, -44.4730, -62.4503 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(58, 183, 39) }
```


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

```
.border{ border-color:rgb(58, 183, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 183, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 183, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 183, 39);  
box-shadow:4px 4px 4px 4px rgb(58, 183,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 129.2090, -44.4730, -62.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 183, 39) }
```

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

```
.background{ background-color: rgb(58, 183,  
39) }
```

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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