

Converting Colors

YUV(109.5130, -15.0429,
-28.5139)

Have a look what the booklet for
YUV(109.5130, -15.0429, -28.5139)
contains.

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Color

**YUV(109.5130, -15.0429,
-28.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	4D844F
RGB	77, 132, 79
RGB Percent	30%, 52%, 31%
CMY	0.6980, 0.4824, 0.6902
CMYK	0.42, 0.00, 0.40, 0.48
HSL	122°, 26%, 41%
HSV	122°, 42%, 52%
XYZ	12.7231, 18.6448, 10.3254
YIQ	109.5130, -15.7670, -28.1430

Conversions

Conversions Part 2

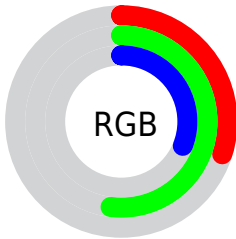
Format	Color
RYB	77, 130, 132
Decimal	5080143
CIELab	50.27, -29.87, 23.05
CIElCh	50, 37.731, 142.339
Yxy	18.6448, 0.3052, 0.4472
Android (android.graphics.Color)	4283270223 (0xFF4D844F)
YUV	109.5130, -15.0429, -28.5139
Hunter-Lab	43.1797, -22.9684, 16.0480

Details

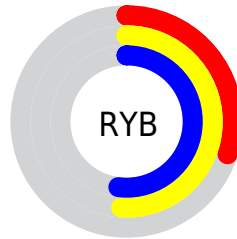
The YUV color **109.5130, -15.0429, -28.5139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99.4870, 15.0429, 28.5139**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4590, -16.4953, -29.3435**, and **59.6700, -13.1483, -29.5286** is the 20% darker color. If you saturate the color by 10%, you get **104.1440, -18.8050, -35.2063**, and if you desaturate by 10%, it is **114.8820, -11.2808, -21.8215**.

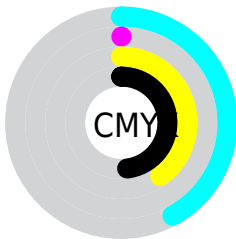
Distribution



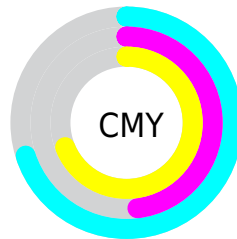
- Red (30%)
- Green (52%)
- Blue (31%)



- Red (30%)
- Yellow (51%)
- Blue (52%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (48%)



- Cyan (70%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5130, -15.0429, -28.5139 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 109.5130, -15.0429, -28.5139 by changing the saturation by 10% instead.

■ 109.5130,
-15.0429, -28.5139

■ 109.5130,
-15.0429, -28.5139

■ 255.0000, 0.0000,
0.0000

■ 84.1540, -13.8799,
-28.1991

■ 162.4590,
-16.4953, -29.3435

■ 59.6700, -13.1483,
-29.5286

■ 189.3450,
-16.9321, -29.2436

■ 35.3000, -11.9799,
-30.9581

■ 217.5190,
-17.5109, -30.2732

■ 21.7190, -10.7075,
-19.0476

■ 236.7140,
-13.1700, -22.5512

■ 1.1740, -0.5788,
-1.0296

■ 248.5770, -5.2145,
-7.5220

■ 0.0000, 0.0000,
0.0000

■ 109.5130,
-15.0429, -28.5139

■ 109.5130,
-15.0429, -28.5139

■ 104.1440,
-18.8050, -35.2063

■ 114.8820,
-11.2808, -21.8215

■ 98.8890, -22.1303,
-41.9987

■ 120.1370, -7.9555,
-15.0291

■ 93.2210, -25.7450,
-49.3058

■ 125.8050, -4.3409,
-7.7220

■ 87.8520, -29.5070,
-55.9982

■ 131.1740, -0.5788,
-1.0296

■ 82.4830, -33.2691,
-62.6906

■ 136.5430, 3.1833,
5.6628

■ 78.0540, -36.0156,
-68.4534

■ 141.7980, 6.5086,
12.4552

■ 147.1670, 10.2707,
19.1475

■ 152.8350, 13.8853,

26.4547

■ 158.0900, 17.2106,
33.2471

Harmonies

Analogous

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



114.3720, -27.7914, 0.5508



109.5130, -15.0429, -28.5139



94.1660, 7.8062, -77.3216

Triad

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



109.5130, -15.0429, -28.5139



106.1970, 37.8639, -58.0548



120.0560, -11.3666, 52.5709

Complementary

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



109.5130, -15.0429, -28.5139



99.4870, 15.0429, 28.5139

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.



122.2090, 3.3480, 46.2977



109.5130, -15.0429, -28.5139



119.9150, 29.1289, -9.5725

Square

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



109.5130, -15.0429, -28.5139



97.4510, 35.7667, -85.4645



123.1490, 17.6745, 24.4253



118.9720, -24.1432, 43.8746

Rectangle

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



109.5130, -15.0429, -28.5139



94.8800, 18.3002, -83.2098



123.1490, 17.6745, 24.4253



120.6090, -6.7092, 52.0859

Sweetspot

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



109.5130, -15.0429, -28.5139



161.9140, -6.3666, -11.3256



125.1320, -23.7291, 4.2692



81.2180, -4.0515, -7.2072



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.5130, -15.0429, -28.5139



135.9380, -23.1404, -44.6726



112.5910, -3.2494, -31.2133



63.5220, -1.7363, -3.0888



76.8800, -35.4368, -67.4238



1.7610, -0.8682, -1.5444

Inverse Universe

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



99.4870, 15.0429, 28.5139



120.1760, 23.5772, 44.5726



96.4090, 3.2494, 31.2133



62.4780, 1.7363, 3.0888



53.1200, 35.4368, 67.4238



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 109.5130, -15.0429, -28.5139 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 109.5130, -15.0429, -28.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

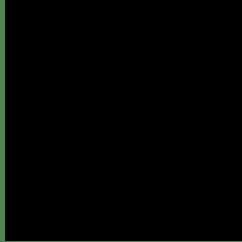
Any Text WCAG AA ✓ Pass

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 109.5130, -15.0429, -28.5139 Background



This preview shows how black text looks on a background with the YUV color 109.5130, -15.0429, -28.5139.



This preview shows how white text looks on a background with the YUV color 109.5130, -15.0429, -28.5139.

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

109.5130, -15.0429, -28.5139

Protanopia

117.1590, -21.2774, 11.2616

Deuteranopia

118.8380, -17.6681, 20.3131



Tritanopia

115.0770, 9.8220, -23.7465

Trichromacy



Original Color

109.5130, -15.0429, -28.5139

Protanomaly

114.6410, -19.0500, -3.1932

Deuteranomaly

115.6570, -16.5929, 2.0548

Tritanomaly

113.3620, 0.8075, -25.7505

Monochromacy



Original Color

109.5130, -15.0429, -28.5139

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5130, -15.0429, -28.5139 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(77, 132, 79)` looks like.

```
.text, #text, p{  
    color:rgb(77, 132, 79)  
}
```

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(77, 132, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 132, 79) }
```

Border

The CSS property to change the border of an element to YUV 109.5130, -15.0429, -28.5139 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(77, 132, 79) }
```


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

```
.border{ border-color:rgb(77, 132, 79) }
```

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

Here you see how a box with a 4 pixel rgb(77, 132, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 132, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 132, 79);  
box-shadow:4px 4px 4px 4px rgb(77, 132,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 109.5130, -15.0429, -28.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 132, 79) }
```

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

```
.background{ background-color: rgb(77, 132,  
79) }
```

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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