

Converting Colors

YUV(129.2490, -8.0108,
-44.0684)

Have a look what the booklet for
YUV(129.2490, -8.0108, -44.0684)
contains.

YUV(129.2490, -8.0108, -44.0684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.2490, -8.0108,
-44.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9E71
RGB	79, 158, 113
RGB Percent	31%, 62%, 44%
CMY	0.6902, 0.3804, 0.5569
CMYK	0.50, 0.00, 0.28, 0.38
HSL	146°, 33%, 46%
HSV	146°, 50%, 62%
XYZ	18.4319, 27.3082, 19.9223
YIQ	129.2490, -32.6390, -30.7430

Conversions

Conversions Part 2

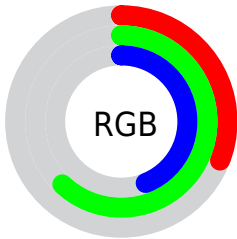
Format	Color
R_{YB}	79, 134, 158
Decimal	5217905
CIE _{Lab}	59.26, -34.98, 16.21
CIE _{LCh}	59, 38.555, 155.131
Yxy	27.3082, 0.2807, 0.4159
Android (android.graphics.Color)	4283407985 (0xFF4F9E71)
YUV	129.2490, -8.0108, -44.0684
Hunter-Lab	52.2573, -28.4906, 13.9766

Details

The YUV color **129.2490, -8.0108, -44.0684** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **107.7510, 8.0108, 44.0684**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6080, -9.1737, -44.3832**, and **75.6120, -5.2317, -48.7717** is the 20% darker color. If you saturate the color by 10%, you get **123.4390, -9.5834, -53.0050**, and if you desaturate by 10%, it is **135.0590, -6.4381, -35.1317**.

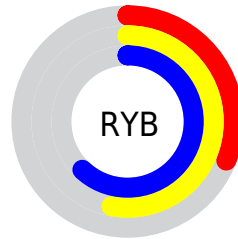
Distribution



Red (31%)

Green (62%)

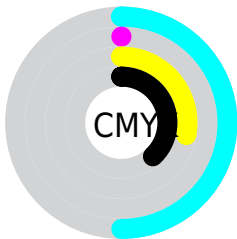
Blue (44%)



Red (31%)

Yellow (53%)

Blue (62%)

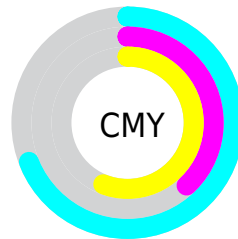


Cyan (50%)

Magenta (0%)

Yellow (28%)

Black (38%)



Cyan (69%)


Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2490, -8.0108, -44.0684 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 129.2490, -8.0108, -44.0684 by changing the saturation by 10% instead.


 129.2490, -8.0108,
-44.0684


 129.2490, -8.0108,
-44.0684


255.0000, 0.0000,
0.0000

 103.0640, -7.4266,
-44.7831


 183.6080, -9.1737,
-44.3832

 75.6120, -5.2317,
-48.7717


 212.0810, -9.8999,
-44.7980


 52.3350, -5.0952,
-45.8978

 231.2760, -5.5591,
-37.0761

 35.8530, -7.3225,
-31.4431

 242.9540, 2.9807,
-22.7617

 21.7190, -10.7075,
-19.0476

 252.3090, 1.3267,
-5.5330

 0.0000, 0.0000,
0.0000

■ 129.2490, -8.0108,
-44.0684

■ 129.2490, -8.0108,
-44.0684

■ 123.4390, -9.5834,
-53.0050

■ 135.0590, -6.4381,
-35.1317

■ 117.6290,
-11.1561, -61.9416

■ 140.8690, -4.8654,
-26.1951

■ 112.1180,
-12.8762, -70.2635

■ 146.3800, -3.1453,
-17.8733

■ 106.3080,
-14.4488, -79.2001

■ 152.1900, -1.5727,
-8.9366

■ 100.4980,
-16.0215, -88.1367

■ 158.0000, 0.0000,
0.0000

■ 163.8100, 1.5727,
8.9366

■ 169.6200, 3.1453,
17.8733

■ 175.1310, 4.8654,

26.1951

■ 180.9410, 6.4381,
35.1317

Harmonies

Analogous

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



135.5060, -24.4065, -11.8448



129.2490, -8.0108, -44.0684



110.7920, 18.3435, -97.1646

Triad

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



129.2490, -8.0108, -44.0684



138.0690, 35.4620, -34.2635



143.4060, -18.9342, 53.1409

Complementary

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



129.2490, -8.0108, -44.0684



107.7510, 8.0108, 44.0684

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.



144.8310, -3.3677, 53.6452



129.2490, -8.0108, -44.0684



146.1020, 25.5857, 6.9265

Square

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



129.2490, -8.0108, -44.0684



113.5400, 44.1038, -99.5746



146.8580, 12.3950, 37.8355



142.1580, -29.6579, 39.3264

Rectangle

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



129.2490, -8.0108, -44.0684



113.3000, 27.9531, -99.3641



146.8580, 12.3950, 37.8355



143.7960, -13.7034, 55.4299

Sweetspot

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



129.2490, -8.0108, -44.0684



195.6790, -3.2927, -17.2585



139.1270, -29.6426, -12.3894



98.0650, -2.0040, -10.5810



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



129.2490, -8.0108, -44.0684



161.8300, -12.7342, -69.1339



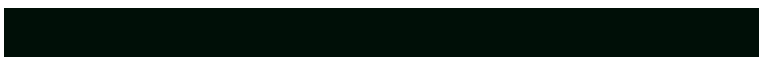
133.5810, 8.5876, -47.8675



76.1520, -0.5679, -4.5183



90.8950, -14.7382, -79.7149



9.6030, -1.2833, -8.4218

Inverse Universe

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



107.7510, 8.0108, 44.0684



128.0560, 12.2974, 69.2339



103.4190, -8.5876, 47.8675



73.9620, 1.0047, 4.4183



51.9910, 14.3014, 79.8149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 129.2490, -8.0108, -44.0684 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 129.2490, -8.0108, -44.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

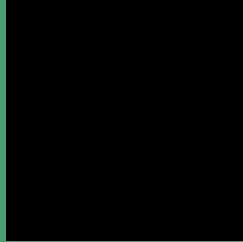
Any Text WCAG AA ✓ Pass

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 129.2490, -8.0108, -44.0684 Background



This preview shows how black text looks on a background with the YUV color 129.2490, -8.0108, -44.0684.



This preview shows how white text looks on a background with the YUV color 129.2490, -8.0108, -44.0684.

-44.0684.

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

129.2490, -8.0108, -44.0684

Protanopia

140.8860, -17.1988, 9.7470

Deuteranopia

142.3200, -11.9898, 19.0134



Tritanopia

134.8410, 14.3754, -37.5716

Trichromacy



Original Color

129.2490, -8.0108, -44.0684

Protanomaly

136.6770, -13.6448, -10.2407

Deuteranomaly

137.5190, -10.6089, -3.9632

Tritanomaly

132.9410, 5.9451, -40.2903

Monochromacy



Original Color

129.2490, -8.0108, -44.0684

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3910, -3.1508, -16.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2490, -8.0108, -44.0684 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(79, 158, 113)` looks like.

```
.text, #text, p{  
    color:rgb(79, 158, 113)  
}
```

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(79, 158, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 113) }
```

Border

The CSS property to change the border of an element to YUV 129.2490, -8.0108, -44.0684 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(79, 158, 113) }
```


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

```
.border{ border-color:rgb(79, 158, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 158, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 113);  
box-shadow:4px 4px 4px 4px rgb(79, 158,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 129.2490, -8.0108, -44.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 158, 113) }
```

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

```
.background{ background-color: rgb(79, 158,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor