

Converting Colors

YUV(129.4590, 17.0287,
-48.6375)

Have a look what the booklet for
YUV(129.4590, 17.0287, -48.6375)
contains.

YUV(129.4590, 17.0287, -48.6375)	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(129.4590, 17.0287,
-48.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	4A97A4
RGB	74, 151, 164
RGB Percent	29%, 59%, 64%
CMY	0.7098, 0.4078, 0.3569
CMYK	0.55, 0.08, 0.00, 0.36
HSL	189°, 38%, 47%
HSV	189°, 55%, 64%
XYZ	20.5915, 26.2694, 39.1072
YIQ	129.4590, -50.0650, -12.2810

Conversions

Conversions Part 2

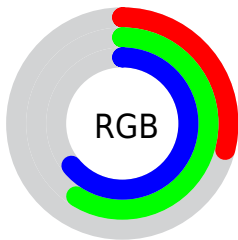
Format	Color
RYB	74, 115, 164
Decimal	4888484
CIELab	58.29, -19.93, -14.08
CIElCh	58, 24.396, 215.240
Yxy	26.2694, 0.2395, 0.3056
Android (android.graphics.Color)	4283078564 (0xFF4A97A4)
YUV	129.4590, 17.0287, -48.6375
Hunter-Lab	51.2537, -17.9804, -9.3614

Details

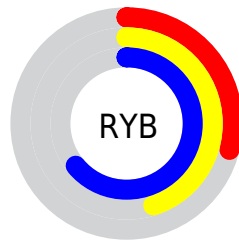
The YUV color **129.4590, 17.0287, -48.6375** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.5410, -17.0287, 48.6375**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1710, 17.1707, -47.5080**, and **71.4680, 19.9823, -62.6774** is the 20% darker color. If you saturate the color by 10%, you get **123.5010, 19.9660, -57.4444**, and if you desaturate by 10%, it is **135.4170, 14.0914, -39.8307**.

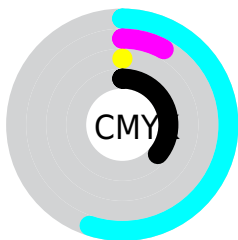
Distribution



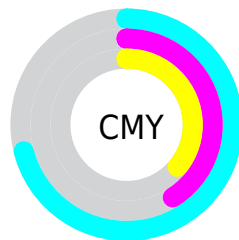
- Red (29%)
- Green (59%)
- Blue (64%)



- Red (29%)
- Yellow (45%)
- Blue (64%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4590, 17.0287, -48.6375 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 129.4590, 17.0287, -48.6375 by changing the saturation by 10% instead.

■ 129.4590, 17.0287,
-48.6375

■ 129.4590, 17.0287,
-48.6375

■ 255.0000, 0.0000,
0.0000

■ 102.2630, 17.6183,
-51.0967

■ 184.1710, 17.1707,
-47.5080

■ 71.4680, 19.9823,
-62.6774

■ 212.7580, 16.8813,
-48.0228

■ 54.6440, 16.4445,
-47.9228

■ 234.3690, 10.1711,
-42.4196

■ 38.4070, 12.6173,
-33.6829

■ 243.0400, 5.8963,
-24.5911

■ 23.5720, 9.0850,
-20.6726

■ 252.0100, 1.4741,
-6.1478

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 129.4590, 17.0287,
-48.6375

■ 129.4590, 17.0287,
-48.6375

■ 123.5010, 19.9660,
-57.4444

■ 135.4170, 14.0914,
-39.8307

■ 116.6570, 23.3401,
-66.3512

■ 142.2610, 10.7173,
-30.9239

■ 110.6990, 26.2774,
-75.1580

■ 148.2190, 7.7800,
-22.1171

■ 104.4420, 29.3621,
-84.5796

■ 154.4760, 4.6953,
-12.6955

■ 100.8760, 31.1201,
-88.4683

■ 161.0210, 1.4686,
-4.4034

■ 166.9790, -1.4686,
4.4034

■ 173.8230, -4.8427,
13.3102

■ 179.7810, -7.7800,
22.1171

■ 186.0380,
-10.8647, 31.5387

Harmonies

Analogous

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



130.0440, 6.3873, -42.1346



129.4590, 17.0287, -48.6375



133.1920, 22.0903, -38.7564

Triad

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



129.4590, 17.0287, -48.6375



143.6900, 7.0548, 23.9509



138.8000, -20.1144, 11.5764

Complementary

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



129.4590, 17.0287, -48.6375



108.5410, -17.0287, 48.6375

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.



140.5290, -18.9948, 25.8461



129.4590, 17.0287, -48.6375



142.8240, -2.8712, 34.3574

Square

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



129.4590, 17.0287, -48.6375



142.2730, 16.1344, 5.0226



142.3050, -12.4754, 34.8125



135.9440, -15.2554, -6.9669

Rectangle

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



129.4590, 17.0287, -48.6375



136.9810, 22.1944, -25.4163



142.3050, -12.4754, 34.8125



139.7190, -20.5675, 16.9094

Sweetspot

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



129.4590, 17.0287, -48.6375



200.8990, 6.4588, -18.3284



128.1980, -20.8036, -47.5316



99.2590, 3.8163, -10.7511



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



129.4590, 17.0287, -48.6375



160.1010, 26.5722, -76.3876



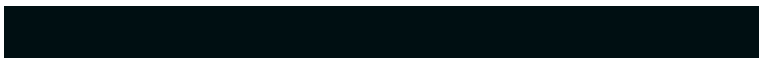
103.6310, 29.7619, -25.9864



78.1350, 1.9054, -4.5034



89.3180, 27.4512, -78.3319



10.8570, 3.5215, -9.5216

Inverse Universe

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



109.6880, 20.3668, 47.6316



128.9530, 32.0682, 74.5862



134.3690, -29.7619, 25.9864



76.4890, 1.7309, 4.8331



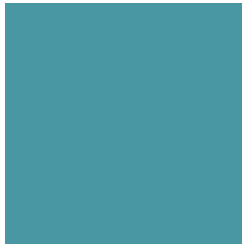
57.4910, 32.7889, 76.7454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 129.4590, 17.0287, -48.6375 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 129.4590, 17.0287, -48.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

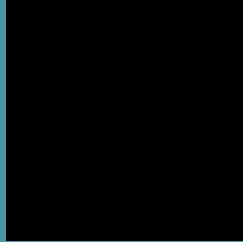
Any Text WCAG AA ✓ Pass

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 129.4590, 17.0287, -48.6375 Background



This preview shows how black text looks on a background with the YUV color 129.4590, 17.0287, -48.6375.



This preview shows how white text looks on a background with the YUV color 129.4590, 17.0287, -48.6375.

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

129.4590, 17.0287, -48.6375

Protanopia

139.7530, 8.0098, -2.4144

Deuteranopia

140.4310, 13.0985, -1.2550



Tritanopia

129.3450, 16.5919, -48.5376

Trichromacy



Original Color

129.4590, 17.0287, -48.6375

Protanomaly

136.1530, 11.2636, -19.4282

Deuteranomaly

136.0760, 14.7525, -18.4837

Tritanomaly

129.3450, 16.5919, -48.5376

Monochromacy



Original Color

129.4590, 17.0287, -48.6375

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4590, 17.0287, -48.6375 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(74, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(74, 151, 164)  
}
```

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(74, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 151, 164) }
```

Border

The CSS property to change the border of an element to YUV 129.4590, 17.0287, -48.6375 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(74, 151, 164) }
```


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

```
.border{ border-color:rgb(74, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(74, 151,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 129.4590, 17.0287, -48.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 151, 164) }
```

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

```
.background{ background-color: rgb(74, 151,  
164) }
```

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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