

Converting Colors

YUV(106.6190, -5.7282,
-29.4839)

Have a look what the booklet for
YUV(106.6190, -5.7282, -29.4839)
contains.

YUV(106.6190, -5.7282, -29.4839)	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(106.6190, -5.7282,
-29.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	497E5F
RGB	73, 126, 95
RGB Percent	29%, 49%, 37%
CMY	0.7137, 0.5059, 0.6275
CMYK	0.42, 0.00, 0.25, 0.51
HSL	145°, 27%, 39%
HSV	145°, 42%, 49%
XYZ	12.2741, 17.1644, 13.4926
YIQ	106.6190, -21.6370, -20.8770

Conversions

Conversions Part 2

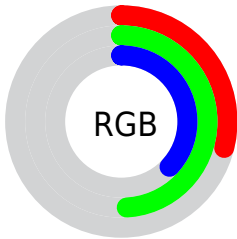
Format	Color
RYB	73, 110, 126
Decimal	4816479
CIELab	48.47, -25.14, 11.44
CIELCh	48, 27.624, 155.539
Yxy	17.1644, 0.2859, 0.3998
Android (android.graphics.Color)	4283006559 (0xFF497E5F)
YUV	106.6190, -5.7282, -29.4839
Hunter-Lab	41.4299, -19.6198, 9.6918

Details

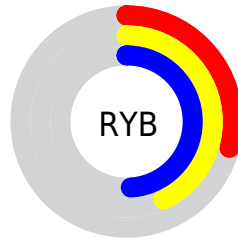
The YUV color **106.6190, -5.7282, -29.4839** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **92.3810, 5.7282, 29.4839**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7930, -6.3069, -30.5135**, and **57.0750, -3.9810, -29.8838** is the 20% darker color. If you saturate the color by 10%, you get **101.9340, -6.8695, -36.7761**, and if you desaturate by 10%, it is **111.3040, -4.5869, -22.1916**.

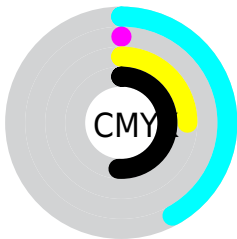
Distribution



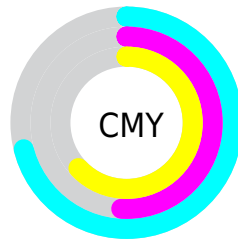
- Red (29%)
- Green (49%)
- Blue (37%)



- Red (29%)
- Yellow (43%)
- Blue (49%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6190, -5.7282, -29.4839 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 106.6190, -5.7282, -29.4839 by changing the saturation by 10% instead.

■ 106.6190, -5.7282,
-29.4839

■ 106.6190, -5.7282,
-29.4839

■ 255.0000, 0.0000,
0.0000

■ 81.7330, -5.2914,
-29.5838

■ 158.7930, -6.3069,
-30.5135

■ 57.0750, -3.9810,
-29.8838

■ 186.2660, -7.0331,
-30.9283

■ 34.3030, -3.1074,
-30.0837

■ 213.8530, -7.3225,
-31.4431

■ 19.5990, -8.6763,
-17.1883

■ 237.1570, -5.0074,
-27.3247

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,
-12.9103

■ 106.6190, -5.7282,
-29.4839

■ 106.6190, -5.7282,
-29.4839

■ 101.9340, -6.8695,
-36.7761

■ 111.3040, -4.5869,
-22.1916

■ 97.4340, -8.5950,
-43.3536

■ 115.8040, -2.8614,
-15.6141

■ 92.7490, -9.7363,
-50.6459

■ 120.4890, -1.7201,
-8.3219

■ 88.3630, -11.0250,
-57.3234

■ 124.8750, -0.4314,
-1.6444

■ 83.5640, -12.6031,
-64.5156

■ 129.6740, 1.1467,
5.5479

■ 79.8900, -13.7498,
-70.0635

■ 134.3590, 2.2880,
12.8402

■ 138.8590, 4.0135,
19.4177

■ 143.5440, 5.1548,

26.7099

■ 147.9300, 6.4435,
33.3874

Harmonies

Analogous

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



110.4770, -16.9972, -8.3113



106.6190, -5.7282, -29.4839



101.2600, 8.7458, -51.9710

Triad

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



106.6190, -5.7282, -29.4839



113.0570, 23.6359, -21.0980



116.3870, -13.5018, 37.3716

Complementary

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



106.6190, -5.7282, -29.4839



92.3810, 5.7282, 29.4839

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.



117.5470, -2.7347, 37.2313



106.6190, -5.7282, -29.4839



117.3270, 17.5868, 5.8522

Square

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



106.6190, -5.7282, -29.4839



104.7500, 25.7593, -48.8927



118.3420, 8.2124, 26.0101



115.0840, -20.7474, 27.9903

Rectangle

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



106.6190, -5.7282, -29.4839



96.7020, 18.3879, -64.6367



118.3420, 8.2124, 26.0101



116.3100, -10.0128, 38.3161

Sweetspot

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



106.6190, -5.7282, -29.4839



155.3530, -2.1460, -11.7106



113.6790, -20.0547, -7.6115



77.2010, -1.5781, -7.1923



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.6190, -5.7282, -29.4839



133.3090, -9.0263, -44.9980



109.5830, 5.6286, -32.0833



61.4510, -0.7153, -3.9035



81.1780, -13.8918, -71.1931



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.3810, 5.7282, 29.4839



111.5770, 8.5895, 45.0980



89.4170, -5.6286, 32.0833



59.5490, 0.7153, 3.9035



46.8220, 13.8918, 71.1931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.6190, -5.7282, -29.4839 looks on a white 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

Black Background



This preview shows how the YUV color 106.6190, -5.7282, -29.4839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

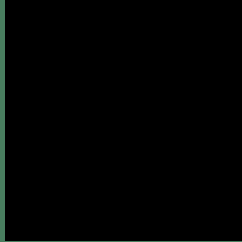
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6190, -5.7282, -29.4839

Background



This preview shows how black text looks on a background with the YUV color 106.6190, -5.7282, -29.4839.



This preview shows how white text looks on a background with the YUV color 106.6190, -5.7282, -29.4839.

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

106.6190, -5.7282, -29.4839

Protanopia

113.6560, -11.6624, 7.3177

Deuteranopia

114.9110, -8.3371, 14.1101



Tritanopia

110.1800, 10.2643, -25.5909

Trichromacy



Original Color

106.6190, -5.7282, -29.4839

Protanomaly

110.8500, -9.2930, -6.0074

Deuteranomaly

112.0400, -7.4147, -1.7891

Tritanomaly

108.9750, 4.4493, -27.1651

Monochromacy



Original Color

106.6190, -5.7282, -29.4839

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0650, -2.0040, -10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6190, -5.7282, -29.4839 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(73, 126, 95)` looks like.

```
.text, #text, p{  
    color:rgb(73, 126, 95)  
}
```

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(73, 126, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 126, 95) }
```

Border

The CSS property to change the border of an element to YUV 106.6190, -5.7282, -29.4839 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(73, 126, 95) }
```


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

```
.border{ border-color:rgb(73, 126, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 126, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 126, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 126, 95);  
box-shadow:4px 4px 4px 4px rgb(73, 126,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 106.6190, -5.7282, -29.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 126, 95) }
```

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

```
.background{ background-color: rgb(73, 126,  
95) }
```

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