

Converting Colors

YUV(107.6990, -0.3446,
-29.5540)

Have a look what the booklet for
YUV(107.6990, -0.3446, -29.5540)
contains.

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Color

**YUV(107.6990, -0.3446,
-29.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7D6B
RGB	74, 125, 107
RGB Percent	29%, 49%, 42%
CMY	0.7098, 0.5098, 0.5804
CMYK	0.41, 0.00, 0.14, 0.51
HSL	159°, 26%, 39%
HSV	159°, 41%, 49%
XYZ	12.8115, 17.1846, 16.5516
YIQ	107.6990, -24.6180, -16.4100

Conversions

Conversions Part 2

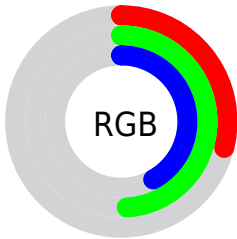
Format	Color
RYB	74, 105, 125
Decimal	4881771
CIELab	48.49, -21.62, 4.45
CIELCh	48, 22.072, 168.359
Yxy	17.1846, 0.2752, 0.3692
Android (android.graphics.Color)	4283071851 (0xFF4A7D6B)
YUV	107.6990, -0.3446, -29.5540
Hunter-Lab	41.4543, -17.3795, 5.3451

Details

The YUV color **107.6990, -0.3446, -29.5540** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **91.3010, 0.3446, 29.5540**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8730, -0.9234, -30.5836**, and **58.6280, 0.6764, -30.3688** is the 20% darker color. If you saturate the color by 10%, you get **103.6550, -0.3229, -36.5314**, and if you desaturate by 10%, it is **112.0420, -0.5137, -21.9618**.

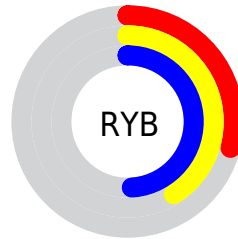
Distribution



Red (29%)

Green (49%)

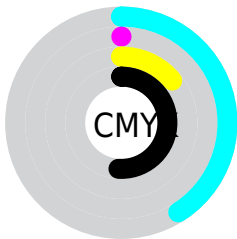
Blue (42%)



Red (29%)

Yellow (41%)

Blue (49%)

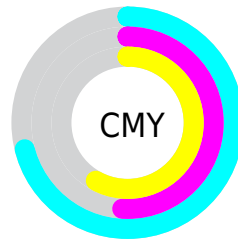


Cyan (41%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6990, -0.3446, -29.5540 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 107.6990, -0.3446, -29.5540 by changing the saturation by 10% instead.

107.6990, -0.3446,
-29.5540

107.6990, -0.3446,
-29.5540

255.0000, 0.0000,
0.0000

82.8130, 0.0922,
-29.6540

159.8730, -0.9234,
-30.5836

58.6280, 0.6764,
-30.3688

186.8730, -0.9234,
-30.5836

35.4430, 1.2606,
-31.0835

215.1610, -1.0654,
-31.7132

20.7220, -1.8349,
-18.1732

239.0520, 0.9604,
-28.1096

0.0000, 0.0000,
0.0000

249.3190, 2.8007,
-11.6808

■ 107.6990, -0.3446,
-29.5540

■ 107.6990, -0.3446,
-29.5540

■ 103.6550, -0.3229,
-36.5314

■ 112.0420, -0.5137,
-21.9618

■ 99.1980, -0.5906,
-44.0236

■ 116.2000, -0.0986,
-15.0844

■ 95.1540, -0.5689,
-51.0011

■ 120.5430, -0.2677,
-7.4922

■ 90.6970, -0.8366,
-58.4933

■ 124.7010, 0.1474,
-0.6148

■ 86.6530, -0.8149,
-65.4707

■ 129.0440, -0.0217,
6.9774

■ 82.6090, -0.7932,
-72.4481

■ 133.0880, -0.0434,
13.9548

■ 137.5450, 0.2243,
21.4470

■ 141.5890, 0.2026,

28.4244

■ 146.0460, 0.4703,
35.9167

Harmonies

Analogous

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



110.2790, -9.9975, -13.3997



107.6990, -0.3446, -29.5540



105.0810, 10.3131, -41.2900

Triad

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



107.6990, -0.3446, -29.5540



115.7230, 16.8986, -6.7731



115.9190, -13.7641, 28.1350

Complementary

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



107.6990, -0.3446, -29.5540



91.3010, 0.3446, 29.5540

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.



117.4770, -6.6442, 31.1537



107.6990, -0.3446, -29.5540



117.6500, 11.0185, 12.5849

Square

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



107.6990, -0.3446, -29.5540



110.9870, 19.7264, -27.1756



117.8490, 2.5394, 25.5654



114.5280, -17.5153, 17.9539

Rectangle

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



107.6990, -0.3446, -29.5540



105.2640, 16.1388, -43.2045



117.8490, 2.5394, 25.5654



116.7990, -11.7329, 29.9943

Sweetspot

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



107.6990, -0.3446, -29.5540



156.5210, -0.2569, -10.9809



109.6180, -17.5597, -14.5740



77.9560, 0.0217, -6.9774



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.



107.6990, -0.3446, -29.5540



135.8880, -0.4378, -46.3828



105.6420, 9.5435, -27.7500



61.6790, 0.1583, -4.1035



84.4840, -1.2246, -74.0925



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.3010, 0.3446, 29.5540



110.1120, 0.4378, 46.3828



93.3580, -9.5435, 27.7500



59.4350, 0.2785, 4.0035



43.4020, 0.7878, 74.1924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 107.6990, -0.3446, -29.5540 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 107.6990, -0.3446, -29.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

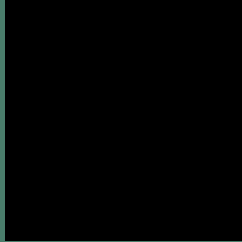
Any Text WCAG AA × Fail

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 107.6990, -0.3446, -29.5540 Background



This preview shows how black text looks on a background with the YUV color 107.6990, -0.3446, -29.5540.

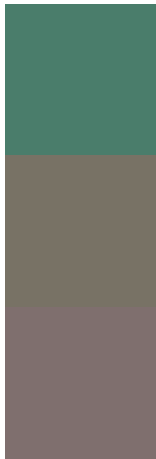


This preview shows how white text looks on a background with the YUV color 107.6990, -0.3446,

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

107.6990, -0.3446, -29.5540

Protanopia

114.3120, -6.5628, 4.9884

Deuteranopia

115.6700, -2.7953, 9.9364



Tritanopia

110.4680, 10.1223, -26.7204

Trichromacy



Original Color

107.6990, -0.3446, -29.5540

Protanomaly

111.8050, -4.3409, -7.7220

Deuteranomaly

112.8100, -1.8783, -4.2184

Tritanomaly

109.4310, 6.1965, -27.5650

Monochromacy



Original Color

107.6990, -0.3446, -29.5540

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6990, -0.3446, -29.5540 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, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(74, 125, 107)  
}
```

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, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 125, 107) }
```

Border

The CSS property to change the border of an element to YUV 107.6990, -0.3446, -29.5540 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, 125, 107) }
```


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

```
.border{ border-color:rgb(74, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(74, 125,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 107.6990, -0.3446, -29.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 125, 107) }
```

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

```
.background{ background-color: rgb(74, 125,  
107) }
```

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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