

Converting Colors

YUV(107.5410, -0.7597,
-36.4315)

Have a look what the booklet for
YUV(107.5410, -0.7597, -36.4315)
contains.

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Color

**YUV(107.5410, -0.7597,
-36.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	42816A
RGB	66, 129, 106
RGB Percent	26%, 51%, 42%
CMY	0.7412, 0.4941, 0.5843
CMYK	0.49, 0.00, 0.18, 0.49
HSL	158°, 32%, 38%
HSV	158°, 49%, 51%
XYZ	12.6985, 17.8994, 16.4213
YIQ	107.5410, -30.1650, -20.5090

Conversions

Conversions Part 2

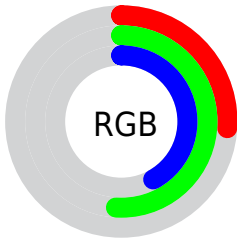
Format	Color
RYB	66, 105, 129
Decimal	4358506
CIELab	49.37, -26.18, 6.26
CIELCh	49, 26.912, 166.560
Yxy	17.8994, 0.2701, 0.3807
Android (android.graphics.Color)	4282548586 (0xFF42816A)
YUV	107.5410, -0.7597, -36.4315
Hunter-Lab	42.3076, -20.4620, 6.6025

Details

The YUV color **107.5410, -0.7597, -36.4315** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.4590, 0.7597, 36.4315**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0140, -1.4859, -36.8463**, and **55.4910, 1.7299, -41.6496** is the 20% darker color. If you saturate the color by 10%, you get **103.0840, -1.0274, -43.9237**, and if you desaturate by 10%, it is **111.9980, -0.4920, -28.9392**.

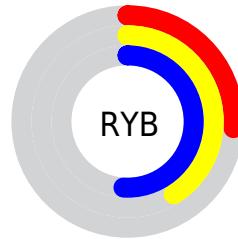
Distribution



Red (26%)

Green (51%)

Blue (42%)



Red (26%)

Yellow (41%)

Blue (51%)

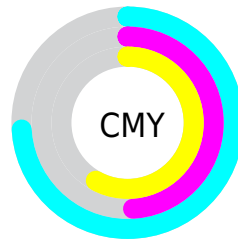


Cyan (49%)

Magenta (0%)

Yellow (18%)

Black (49%)



Cyan (74%)

Magenta (49%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.5410, -0.7597, -36.4315 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 107.5410, -0.7597, -36.4315 by changing the saturation by 10% instead.

■ 107.5410, -0.7597,
-36.4315

■ 107.5410, -0.7597,
-36.4315

■ 255.0000, 0.0000,
0.0000

■ 82.3560, -0.1755,
-37.1462

■ 160.0140, -1.4859,
-36.8463

■ 55.4910, 1.7299,
-41.6496

■ 187.6010, -1.7753,
-37.3611

■ 37.0900, -0.0444,
-32.5279

■ 215.3020, -1.6279,
-37.9759

■ 22.3690, -3.1399,
-19.6176

■ 236.8450, 1.5554,
-32.3131

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,
-15.9842

■ 107.5410, -0.7597,
-36.4315

■ 107.5410, -0.7597,
-36.4315

■ 103.0840, -1.0274,
-43.9237

■ 111.9980, -0.4920,
-28.9392

■ 98.7410, -0.8583,
-51.5159

■ 116.3410, -0.6611,
-21.3471

■ 94.2840, -1.1260,
-59.0081

■ 120.7980, -0.3934,
-13.8548

■ 89.8270, -1.3937,
-66.5003

■ 125.2550, -0.1257,
-6.3626

■ 85.6690, -1.8088,
-73.3777

■ 129.7120, 0.1420,
1.1296

■ 85.0710, -1.5140,
-74.6073

■ 133.7560, 0.1203,
8.1070

■ 138.2130, 0.3880,
15.5992

■ 142.6700, 0.6557,

23.0914

■ 147.0130, 0.4866,
30.6836

Harmonies

Analogous

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



111.7580, -13.1917, -15.5738



107.5410, -0.7597, -36.4315



102.4920, 13.5614, -56.5595

Triad

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



107.5410, -0.7597, -36.4315



117.2540, 21.5668, -10.7468



118.2680, -16.4011, 33.9680

Complementary

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



107.5410, -0.7597, -36.4315



87.4590, 0.7597, 36.4315

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.



119.1080, -6.9552, 37.6163



107.5410, -0.7597, -36.4315



120.4590, 14.0707, 13.6295

Square

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



107.5410, -0.7597, -36.4315



110.8870, 24.7057, -37.6119



120.6370, 4.1230, 31.0134



116.5240, -21.4573, 22.3425

Rectangle

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



107.5410, -0.7597, -36.4315



101.4080, 20.9979, -61.7478



120.6370, 4.1230, 31.0134



118.6750, -13.6438, 36.2420

Sweetspot

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



107.5410, -0.7597, -36.4315



159.4990, -0.2460, -14.4696



109.8580, -21.6220, -18.2925



78.9450, 0.0271, -8.7218



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



107.5410, -0.7597, -36.4315



134.2950, -1.1314, -57.2637



105.4670, 11.6018, -34.6126



61.5650, -0.2785, -4.0035



84.3700, -1.6614, -73.9925



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.4590, 0.7597, 36.4315



102.7050, 1.1314, 57.2637



89.5330, -11.6018, 34.6126



59.4350, 0.2785, 4.0035



43.6300, 1.6614, 73.9925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 107.5410, -0.7597, -36.4315 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 107.5410, -0.7597, -36.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

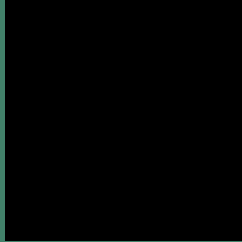
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.5410, -0.7597, -36.4315

Background



This preview shows how black text looks on a background with the YUV color 107.5410, -0.7597, -36.4315.

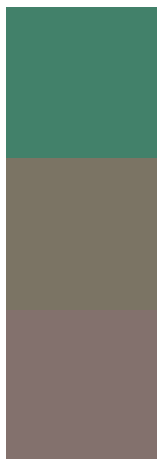


This preview shows how white text looks on a background with the YUV color 107.5410, -0.7597, -36.4315.

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

107.5410, -0.7597, -36.4315

Protanopia

116.2690, -8.0206, 5.9031

Deuteranopia

117.9260, -4.4005, 11.4659



Tritanopia

110.8910, 11.8857, -32.3534

Trichromacy



Original Color

107.5410, -0.7597, -36.4315

Protanomaly

113.1530, -5.4984, -9.7812

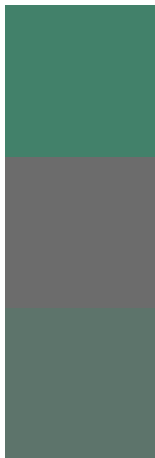
Deuteranomaly

114.1580, -3.0359, -6.2776

Tritanomaly

109.3270, 7.2338, -33.6128

Monochromacy



Original Color

107.5410, -0.7597, -36.4315

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.5410, -0.7597, -36.4315 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(66, 129, 106)` looks like.

```
.text, #text, p{  
    color:rgb(66, 129, 106)  
}
```

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(66, 129, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 129, 106) }
```

Border

The CSS property to change the border of an element to YUV 107.5410, -0.7597, -36.4315 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(66, 129, 106) }
```


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

```
.border{ border-color:rgb(66, 129, 106) }
```

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

Here you see how a box with a 4 pixel rgb(66, 129, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 129, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 129, 106);  
box-shadow:4px 4px 4px 4px rgb(66, 129,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 107.5410, -0.7597, -36.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 129, 106) }
```

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

```
.background{ background-color: rgb(66, 129,  
106) }
```

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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