

Converting Colors

YUV(121.6370, 3.6300,
-44.4086)

Have a look what the booklet for
YUV(121.6370, 3.6300, -44.4086)
contains.

YUV(121.6370, 3.6300, -44.4086)	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(121.6370, 3.6300,
-44.4086)**

Conversions

Conversions Part 1

Format	Color
Hex	479281
RGB	71, 146, 129
RGB Percent	28%, 57%, 51%
CMY	0.7216, 0.4275, 0.4941
CMYK	0.51, 0.00, 0.12, 0.43
HSL	166°, 35%, 43%
HSV	166°, 51%, 57%
XYZ	16.8399, 23.4823, 24.4139
YIQ	121.6370, -39.2430, -21.1870

Conversions

Conversions Part 2

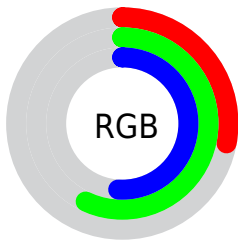
Format	Color
RYB	71, 113, 146
Decimal	4690561
CIELab	55.57, -27.65, 1.89
CIElCh	56, 27.712, 176.098
Yxy	23.4823, 0.2601, 0.3627
Android (android.graphics.Color)	4282880641 (0xFF479281)
YUV	121.6370, 3.6300, -44.4086
Hunter-Lab	48.4586, -22.7719, 4.0502

Details

The YUV color **121.6370, 3.6300, -44.4086** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.3630, -3.6300, 44.4086**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5230, 3.1932, -44.3087**, and **66.6790, 6.5673, -53.2155** is the 20% darker color. If you saturate the color by 10%, you get **116.8100, 4.5307, -53.3304**, and if you desaturate by 10%, it is **126.4640, 2.7292, -35.4869**.

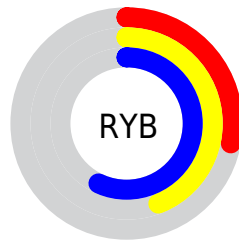
Distribution



Red (28%)

Green (57%)

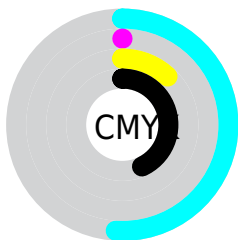
Blue (51%)



Red (28%)

Yellow (44%)

Blue (57%)

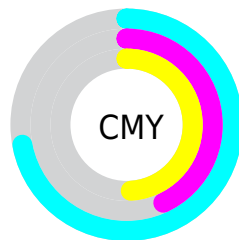


Cyan (51%)

Magenta (0%)

Yellow (12%)

Black (43%)



Cyan (72%)

Magenta (43%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.6370, 3.6300, -44.4086 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 121.6370, 3.6300, -44.4086 by changing the saturation by 10% instead.

■ 121.6370, 3.6300,
-44.4086

■ 121.6370, 3.6300,
-44.4086

■ 255.0000, 0.0000,
0.0000

■ 95.1530, 4.3616,
-45.7382

■ 175.5230, 3.1932,
-44.3087

■ 66.6790, 6.5673,
-53.2155

■ 203.6970, 2.6144,
-45.3383

■ 48.1750, 4.3507,
-42.2495

■ 230.6370, 3.6300,
-44.4086

■ 32.2800, 1.8340,
-28.3096

■ 241.2460, 6.7807,
-28.2797

■ 18.0320, -1.9878,
-15.8141

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 121.6370, 3.6300,
-44.4086

■ 121.6370, 3.6300,
-44.4086

■ 116.8100, 4.5307,
-53.3304

■ 126.4640, 2.7292,
-35.4869

■ 112.1680, 4.8472,
-61.5373

■ 131.1060, 2.4127,
-27.2800

■ 107.3410, 5.7479,
-70.4591

■ 135.9330, 1.5120,
-18.3582

■ 102.8130, 6.5012,
-78.7660

■ 140.4610, 0.7587,
-10.0513

■ 98.5840, 7.1071,
-86.4582

■ 145.4020, 0.2948,
-1.2296

■ 150.2290, -0.6059,
7.6922

■ 154.7570, -1.3592,
15.9991

■ 159.5840, -2.2599,

24.9208

■ 164.2260, -2.5764,
33.1278

Harmonies

Analogous

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



125.9250, -9.8230, -22.7362



121.6370, 3.6300, -44.4086



118.0940, 17.2087, -59.7184

Triad

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



121.6370, 3.6300, -44.4086



134.6680, 20.3767, -2.3398



133.4590, -19.4533, 32.9235

Complementary

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



121.6370, 3.6300, -44.4086



95.3630, -3.6300, 44.4086

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.



134.7940, -10.7444, 39.6457



121.6370, 3.6300, -44.4086



136.8190, 11.4282, 21.2067

Square

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



121.6370, 3.6300, -44.4086



128.8710, 25.6996, -29.7049



136.0460, 0.4703, 35.9167



132.0350, -23.1883, 17.5093

Rectangle

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



121.6370, 3.6300, -44.4086



119.4130, 23.4604, -58.2442



136.0460, 0.4703, 35.9167



134.1650, -16.8433, 35.8123

Sweetspot

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



121.6370, 3.6300, -44.4086



179.5310, 1.2172, -17.1287



120.4070, -24.3577, -27.5439



88.5750, 1.1955, -10.1513



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.6370, 3.6300, -44.4086



150.9390, 5.4531, -69.2295



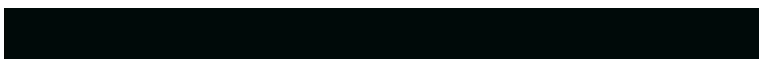
111.8350, 16.8433, -35.8123



71.6790, 0.1583, -4.1035



93.0900, 6.3646, -81.6399



6.7820, 0.6005, -5.9478

Inverse Universe

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



95.3630, -3.6300, 44.4086



109.9470, -5.8899, 69.3295



105.1650, -16.8433, 35.8123



69.2070, -0.5951, 4.2035



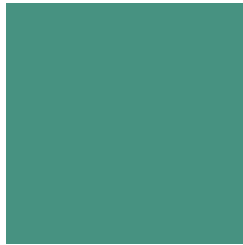
44.7960, -6.8014, 81.7399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 121.6370, 3.6300, -44.4086 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 121.6370, 3.6300, -44.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

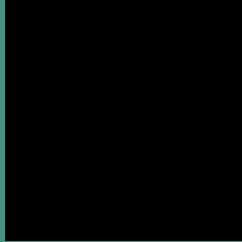
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.6370, 3.6300, -44.4086

Background



This preview shows how black text looks on a background with the YUV color 121.6370, 3.6300, -44.4086.



This preview shows how white text looks on a background with the YUV color 121.6370, 3.6300,

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

121.6370, 3.6300, -44.4086

Protanopia

132.2410, -5.5418, 4.1736

Deuteranopia

133.6530, -0.3219, 9.9513



Tritanopia

124.5310, 14.5282, -39.9307

Trichromacy



Original Color

121.6370, 3.6300, -44.4086

Protanomaly

128.3420, -2.1406, -13.4549

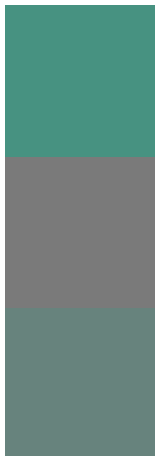
Deuteranomaly

129.5750, 1.1955, -10.1513

Tritanomaly

123.1950, 10.7499, -41.3900

Monochromacy



Original Color

121.6370, 3.6300, -44.4086

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9440, 1.5066, -16.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6370, 3.6300, -44.4086 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(71, 146, 129)` looks like.

```
.text, #text, p{  
    color:rgb(71, 146, 129)  
}
```

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(71, 146, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 146, 129) }
```

Border

The CSS property to change the border of an element to YUV 121.6370, 3.6300, -44.4086 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(71, 146, 129) }
```


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

```
.border{ border-color:rgb(71, 146, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 146, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 146, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 146, 129);  
box-shadow:4px 4px 4px 4px rgb(71, 146,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 121.6370, 3.6300, -44.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 146, 129) }
```

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

```
.background{ background-color: rgb(71, 146,  
129) }
```

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