

Converting Colors

YUV(97.7370, 18.8637,
-30.4643)

Have a look what the booklet for
YUV(97.7370, 18.8637, -30.4643)
contains.

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Color

**YUV(97.7370, 18.8637,
-30.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6C88
RGB	63, 108, 136
RGB Percent	25%, 42%, 53%
CMY	0.7529, 0.5765, 0.4667
CMYK	0.54, 0.21, 0.00, 0.47
HSL	203°, 37%, 39%
HSV	203°, 54%, 53%
XYZ	11.8564, 13.5595, 25.2849
YIQ	97.7370, -35.8080, -0.8320

Conversions

Conversions Part 2

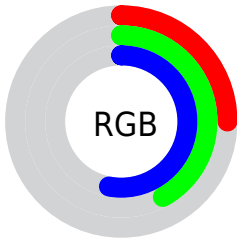
Format	Color
R_{YB}	63, 91, 136
Decimal	4156552
CIE _{Lab}	43.59, -7.04, -20.18
CIE _{LCh}	44, 21.377, 250.760
Yxy	13.5595, 0.2339, 0.2674
Android (android.graphics.Color)	4282346632 (0xFF3F6C88)
YUV	97.7370, 18.8637, -30.4643
Hunter-Lab	36.8232, -6.9668, -14.9357

Details

The YUV color **97.7370, 18.8637, -30.4643** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **101.2630, -18.8637, 30.4643**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5630, 19.4424, -29.4348**, and **45.6110, 19.9118, -40.0008** is the 20% darker color. If you saturate the color by 10%, you get **90.6160, 22.3743, -36.4972**, and if you desaturate by 10%, it is **104.8580, 15.3530, -24.4315**.

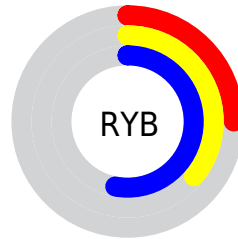
Distribution



Red (25%)

Green (42%)

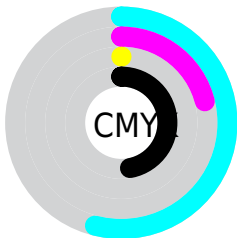
Blue (53%)



Red (25%)

Yellow (36%)

Blue (53%)

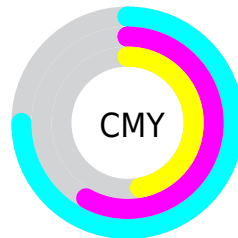


Cyan (54%)

Magenta (21%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7370, 18.8637, -30.4643 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 97.7370, 18.8637, -30.4643 by changing the saturation by 10% instead.

■ 97.7370, 18.8637,
-30.4643

■ 97.7370, 18.8637,
-30.4643

■ 255.0000, 0.0000,
0.0000

■ 72.7260, 18.8691,
-32.2087

■ 149.5630, 19.4424,
-29.4348

■ 45.6110, 19.9118,
-40.0008

■ 176.6770, 19.8792,
-29.5347

■ 30.0750, 16.2320,
-26.3758

■ 204.4920, 20.4634,
-30.2495

■ 15.8270, 12.4103,
-13.8803

■ 230.3260, 12.1643,
-28.3499

■ 2.8670, 8.4466,
-2.5144

■ 246.6280, 4.1274,
-17.2138

■ 0.0000, 0.0000,
0.0000

■ 97.7370, 18.8637,
-30.4643

■ 97.7370, 18.8637,
-30.4643

■ 90.6160, 22.3743,
-36.4972

■ 104.8580, 15.3530,
-24.4315

■ 83.7940, 25.7376,
-41.9153

■ 111.6800, 11.9898,
-19.0134

■ 76.0860, 29.5376,
-47.4334

■ 119.3880, 8.1897,
-13.4953

■ 69.2640, 32.9008,
-52.8515

■ 126.2100, 4.8265,
-8.0772

■ 64.8120, 35.0957,
-56.8401

■ 133.3310, 1.3158,
-2.0443

■ 140.4520, -2.1948,
3.9886

■ 147.8610, -5.8475,
8.8919

■ 154.9820, -9.3581,

14.9248

■ 161.8040,
-12.7214, 20.3429

Harmonies

Analogous

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



93.8620, 15.8440, -41.9750



97.7370, 18.8637, -30.4643



102.8040, 17.3516, -12.1061

Triad

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



97.7370, 18.8637, -30.4643



105.1500, -4.0180, 28.8094



99.2580, -11.4662, -8.9963

Complementary

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



97.7370, 18.8637, -30.4643



101.2630, -18.8637, 30.4643

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.



101.3910, -16.4618, 6.6731



97.7370, 18.8637, -30.4643



104.4890, -11.5801, 27.6351

Square

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



97.7370, 18.8637, -30.4643



105.6960, 4.5869, 22.1916



102.8810, -16.2103, 19.3984



96.7490, -2.8343, -24.3359

Rectangle

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



97.7370, 18.8637, -30.4643



104.3820, 14.1087, 1.4190



102.8810, -16.2103, 19.3984



99.7210, -13.6665, -3.2633

Sweetspot

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



97.7370, 18.8637, -30.4643



161.1710, 7.3107, -11.5510



109.0430, -8.8952, -40.3797



80.3950, 4.2423, -7.3624



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.7370, 18.8637, -30.4643



116.9720, 29.1008, -47.3334



76.6050, 29.2817, -11.9316



65.1460, 1.9000, -2.7590



63.2960, 34.3641, -55.5106



2.3310, 1.3158, -2.0443

Inverse Universe

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



89.9570, 8.8952, 40.3797



104.7670, 13.9189, 62.4713



122.3950, -29.2817, 11.9316



64.5490, 0.7153, 3.9035



49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 97.7370, 18.8637, -30.4643 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 97.7370, 18.8637, -30.4643 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 97.7370, 18.8637, -30.4643

Background



This preview shows how black text looks on a background with the YUV color 97.7370, 18.8637, -30.4643.



This preview shows how white text looks on a background with the YUV color 97.7370, 18.8637,

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

97.7370, 18.8637, -30.4643

Protanopia

102.6260, 13.9884, -6.6880

Deuteranopia

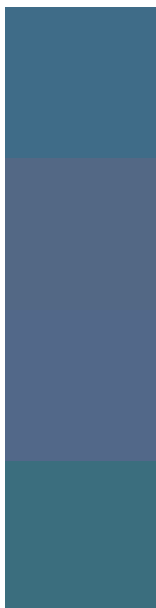
102.8260, 17.3408, -8.6174



Tritanopia

95.8800, 11.8912, -34.0978

Trichromacy



Original Color

97.7370, 18.8637, -30.4643

Protanomaly

101.0270, 15.7627, -15.8097

Deuteranomaly

101.1840, 17.6573, -16.8244

Tritanomaly

96.5750, 14.5065, -32.9533

Monochromacy



Original Color

97.7370, 18.8637, -30.4643

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0570, 6.8739, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7370, 18.8637, -30.4643 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(63, 108, 136)` looks like.

```
.text, #text, p{  
    color:rgb(63, 108, 136)  
}
```

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(63, 108, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 108, 136) }
```

Border

The CSS property to change the border of an element to YUV 97.7370, 18.8637, -30.4643 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(63, 108, 136) }
```


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

```
.border{ border-color:rgb(63, 108, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 108, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 108, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 108, 136);  
box-shadow:4px 4px 4px 4px rgb(63, 108,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 97.7370, 18.8637, -30.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 108, 136) }
```

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

```
.background{ background-color: rgb(63, 108,  
136) }
```

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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