

Converting Colors

YUV(69.5870, 33.2346,
-19.8088)

Have a look what the booklet for
YUV(69.5870, 33.2346, -19.8088)
contains.

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Color

**YUV(69.5870, 33.2346,
-19.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4489
RGB	47, 68, 137
RGB Percent	18%, 27%, 54%
CMY	0.8157, 0.7333, 0.4627
CMYK	0.66, 0.50, 0.00, 0.46
HSL	226°, 49%, 36%
HSV	226°, 66%, 54%
XYZ	7.7548, 6.5447, 24.5214
YIQ	69.5870, -34.6650, 17.0070

Conversions

Conversions Part 2

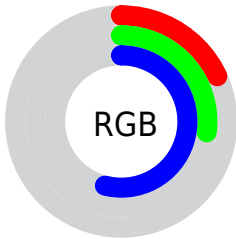
Format	Color
R_{YB}	47, 64, 137
Decimal	3097737
CIE Lab	30.75, 15.36, -41.08
CIE LCh	31, 43.862, 290.504
Yxy	6.5447, 0.1998, 0.1686
Android (android.graphics.Color)	4281287817 (0xFF2F4489)
YUV	69.5870, 33.2346, -19.8088
Hunter-Lab	25.5827, 9.3383, -38.9227




Details

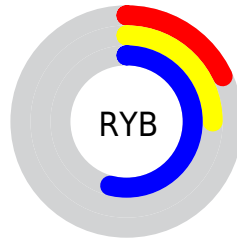
The YUV color **69.5870, 33.2346, -19.8088** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **114.4130, -33.2346, 19.8088**, and the grayscale version is **69.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **120.6630, 34.6761, -15.4905**, and **25.0660, 30.0405, -21.9829** is the 20% darker color. If you saturate the color by 10%, you get **58.9440, 38.4816, -22.7529**, and if you desaturate by 10%, it is **80.2300, 27.9876, -16.8647**.

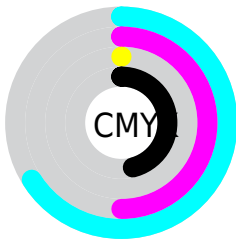
Distribution







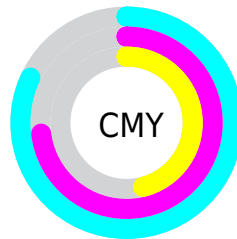
-  Red (18%)
-  Green (27%)
-  Blue (54%)






-  Red (18%)
-  Yellow (25%)
-  Blue (54%)



-  Cyan (66%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (82%)
-  Magenta (73%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5870, 33.2346, -19.8088 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 69.5870, 33.2346, -19.8088 by changing the saturation by 10% instead.

■ 69.5870, 33.2346,
-19.8088

■ 69.5870, 33.2346,
-19.8088

■ 255.0000, 0.0000,
0.0000

■ 42.6460, 33.6985,
-28.6305

■ 120.6630, 34.6761,
-15.4905

■ 25.0660, 30.0405,
-21.9829

■ 146.6030, 35.6917,
-14.5608

■ 7.1820, 27.5183,
-6.2986

■ 174.1300, 36.4179,
-14.1460

■ 6.3210, 16.6037,
-5.5435

■ 199.1490, 27.5345,
-11.5317

■ 2.6390, 7.5730,
-2.3144

■ 224.2560, 15.1568,
-8.1175

■ 0.0000, 0.0000,
0.0000

■ 249.3630, 2.7790,

-4.7034

■ 69.5870, 33.2346,
-19.8088

■ 69.5870, 33.2346,
-19.8088

■ 58.9440, 38.4816,
-22.7529

■ 80.2300, 27.9876,
-16.8647

■ 49.1870, 43.2918,
-25.5970

■ 89.9870, 23.1774,
-14.0206

■ 38.5440, 48.5388,
-28.5411

■ 100.6300, 17.9304,
-11.0765

■ 34.4020, 50.5808,
-30.1706

■ 110.6860, 12.9728,
-7.6176

■ 121.0300, 7.8732,
-5.2883

■ 131.0860, 2.9156,
-1.8294

■ 141.7290, -2.3314,
1.1147

■ 151.7850, -7.2890,
4.5736

■ 162.1290,
-12.3886, 6.9029

Harmonies

Analogous

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



62.9200, 38.0004, -55.1808



69.5870, 33.2346, -19.8088



74.2460, 20.5847, 24.3403

Triad

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



69.5870, 33.2346, -19.8088



68.8690, -24.5854, 45.7189



57.9090, 1.0309, -50.7862

Complementary

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



69.5870, 33.2346, -19.8088



114.4130, -33.2346, 19.8088

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.



57.2410, -15.8948, -35.2914



69.5870, 33.2346, -19.8088



68.3320, -33.6877, 25.1418

Square

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



69.5870, 33.2346, -19.8088



67.5880, -8.1779, 56.4893



65.5200, -32.3014, 0.4210



62.4860, 16.0294, -54.8002

Rectangle

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



69.5870, 33.2346, -19.8088



71.4890, 12.0839, 44.2981



65.5200, -32.3014, 0.4210



55.9540, -3.9213, -49.0717

Sweetspot

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



69.5870, 33.2346, -19.8088



151.8000, 13.4096, -7.7176



107.6960, 4.0939, -53.2304



73.3290, 7.7258, -4.6735



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.



69.5870, 33.2346, -19.8088



72.5590, 52.4754, -31.1852



64.4360, 35.7741, 5.7566



63.9720, 2.4788, -1.7294



33.3590, 49.1230, -29.2558



1.1570, 1.8946, -1.0147

Inverse Universe

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



76.3040, -4.0939, 53.2304



83.2200, -6.5175, 83.9991



119.5640, -35.7741, -5.7566



64.3210, -0.1583, 4.1035



43.3010, -6.0644, 78.6660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 69.5870, 33.2346, -19.8088 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 ✓ Pass

Black Background



This preview shows how the YUV color 69.5870, 33.2346, -19.8088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

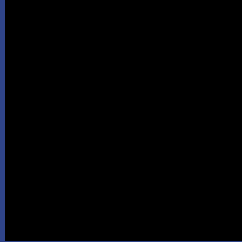
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5870, 33.2346, -19.8088

Background



This preview shows how black text looks on a background with the YUV color 69.5870, 33.2346, -19.8088.



This preview shows how white text looks on a background with the YUV color 69.5870, 33.2346,

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

69.5870, 33.2346, -19.8088

Protanopia

66.5040, 35.7405, -30.2600

Deuteranopia

58.1440, 34.9320, -50.9923



Tritanopia

59.5690, 13.5235, -44.3490

Trichromacy



Original Color

69.5870, 33.2346, -19.8088

Protanomaly

67.2980, 34.8561, -26.5713

Deuteranomaly

62.3950, 34.3153, -39.8114

Tritanomaly

63.4590, 20.4797, -35.4825

Monochromacy



Original Color

69.5870, 33.2346, -19.8088

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7570, 11.9518, -6.8029

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5870, 33.2346, -19.8088 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(47, 68, 137)` looks like.

```
.text, #text, p{  
    color:rgb(47, 68, 137)  
}
```

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(47, 68, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 68, 137) }
```

Border

The CSS property to change the border of an element to YUV 69.5870, 33.2346, -19.8088 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(47, 68, 137) }
```


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

```
.border{ border-color:rgb(47, 68, 137) }
```

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

Here you see how a box with a 4 pixel rgb(47, 68, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 68, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 68, 137);  
box-shadow:4px 4px 4px 4px rgb(47, 68,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 69.5870, 33.2346, -19.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 68, 137) }
```

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

```
.background{ background-color: rgb(47, 68,  
137) }
```

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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