

Converting Colors

YUV(62.9670, -3.4347, -18.3881)

Have a look what the booklet for
YUV(62.9670, -3.4347, -18.3881)
contains.

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Color

**YUV(62.9670, -3.4347,
-18.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4B38
RGB	42, 75, 56
RGB Percent	16%, 29%, 22%
CMY	0.8353, 0.7059, 0.7804
CMYK	0.44, 0.00, 0.25, 0.71
HSL	145°, 28%, 23%
HSV	145°, 44%, 29%
XYZ	4.1847, 5.8099, 4.6422
YIQ	62.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

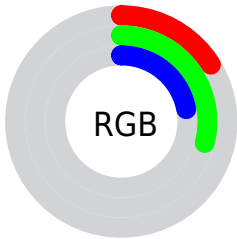
Format	Color
R_{YB}	42, 65, 75
Decimal	2771768
CIE _{Lab}	28.93, -17.10, 7.59
CIE _{LCh}	29, 18.709, 156.058
Yxy	5.8099, 0.2859, 0.3969
Android (android.graphics.Color)	4280961848 (0xFF2A4B38)
YUV	62.9670, -3.4347, -18.3881
Hunter-Lab	24.1038, -11.1917, 5.4537

Details

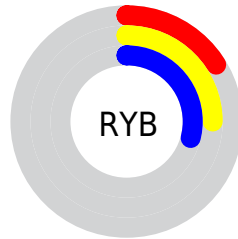
The YUV color **62.9670, -3.4347, -18.3881** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **54.0330, 3.4347, 18.3881**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1410, -4.0135, -19.4177**, and **19.6790, -3.2927, -17.2585** is the 20% darker color. If you saturate the color by 10%, you get **60.4180, -4.1501, -22.2916**, and if you desaturate by 10%, it is **65.5160, -2.7194, -14.4845**.

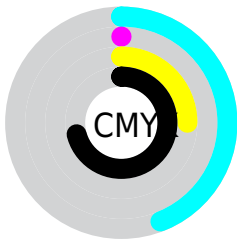
Distribution



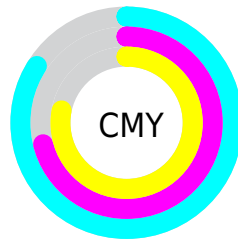
- Red (16%)
- Green (29%)
- Blue (22%)



- Red (16%)
- Yellow (25%)
- Blue (29%)



- Cyan (44%)
- Magenta (0%)
- Yellow (25%)
- Black (71%)



- Cyan (84%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9670, -3.4347, -18.3881 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 62.9670, -3.4347, -18.3881 by changing the saturation by 10% instead.

■ 62.9670, -3.4347,
-18.3881

■ 62.9670, -3.4347,
-18.3881

255.0000, 0.0000,
0.0000

■ 40.1950, -2.5611,
-18.5880

■ 111.1410, -4.0135,
-19.4177

■ 19.6790, -3.2927,
-17.2585

■ 136.7280, -4.3029,
-19.9325

■ 0.0000, 0.0000,
0.0000

■ 163.3150, -4.5923,
-20.4473

■ 190.3150, -4.5923,
-20.4473

■ 217.9020, -4.8817,
-20.9621

■ 243.0810, -2.9979,

-18.4880

253.8040, 0.5896,
-2.4591

62.9670, -3.4347,
-18.3881

62.9670, -3.4347,
-18.3881

60.4180, -4.1501,
-22.2916

65.5160, -2.7194,
-14.4845

57.4560, -5.1548,
-26.7099

68.4780, -1.7147,
-10.0662

54.9070, -5.8702,
-30.6134

71.3260, -1.1467,
-5.5479

52.0590, -6.4381,
-35.1317

73.8750, -0.4314,
-1.6444

49.3960, -7.5902,
-38.9353

76.8370, 0.5734,
2.7740

■ 47.6730, -7.7268,
-41.8092

■ 79.3860, 1.2887,
6.6775

■ 82.2340, 1.8566,
11.1958

■ 84.8970, 3.0088,
14.9993

■ 87.7450, 3.5767,
19.5176

Harmonies

Analogous

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



64.9210, -10.3141, -5.1927



62.9670, -3.4347, -18.3881



59.5830, 5.6286, -32.0833

Triad

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



62.9670, -3.4347, -18.3881



67.4080, 14.5889, -12.6358



68.9660, -8.3642, 22.8318

Complementary

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



62.9670, -3.4347, -18.3881



54.0330, 3.4347, 18.3881

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.



69.6870, -1.8177, 23.0765



62.9670, -3.4347, -18.3881



69.5950, 11.0457, 3.8632

Square

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



62.9670, -3.4347, -18.3881



62.2380, 15.6587, -29.1497



70.3640, 4.7505, 16.3438



68.0810, -12.8579, 17.4690

Rectangle

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



62.9670, -3.4347, -18.3881



57.9180, 10.8864, -38.5161



70.3640, 4.7505, 16.3438



69.1340, -6.4751, 23.5615

Sweetspot

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



62.9670, -3.4347, -18.3881



92.3150, -1.1413, -7.2923



67.0520, -12.3506, -5.3076



45.4510, -0.7153, -3.9035



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



62.9670, -3.4347, -18.3881



78.3310, -5.5862, -28.3543



64.7910, 3.5540, -19.9877



36.5760, -0.2840, -2.2592



64.7760, -10.7356, -56.8086



146.0680, -24.1905, -128.1016

Inverse Universe

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



54.0330, 3.4347, 18.3881



64.5550, 5.1494, 28.4543



52.2090, -3.5540, 19.9877



35.5380, 0.7208, 2.1592



37.2240, 10.7356, 56.8086



83.8180, 23.7537, 128.2016

Previews

White Background



This preview shows how the YUV color 62.9670, -3.4347, -18.3881 looks on a white background.

Color Contrast Check

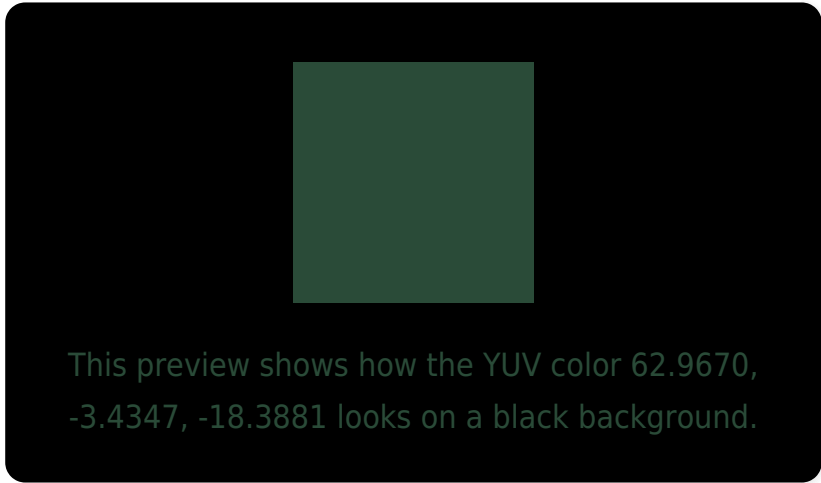
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 62.9670, -3.4347, -18.3881

Background



This preview shows how black text looks on a background with the YUV color 62.9670, -3.4347, -18.3881.



This preview shows how white text looks on a background with the YUV color 62.9670, -3.4347, -18.3881.

-18.3881.

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

62.9670, -3.4347, -18.3881

Protanopia

67.7850, -7.2890, 4.5736

Deuteranopia

68.0890, -4.9739, 8.6919



Tritanopia

65.2090, 6.3060, -15.9693

Trichromacy



Original Color

62.9670, -3.4347, -18.3881

Protanomaly

66.3710, -6.0989, -3.8334

Deuteranomaly

66.4360, -4.6519, -1.2594

Tritanomaly

64.2860, 2.8170, -16.9138

Monochromacy



Original Color

62.9670, -3.4347, -18.3881

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6140, -1.2887, -6.6775

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9670, -3.4347, -18.3881 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(42, 75, 56)` looks like.

```
.text, #text, p{  
    color:rgb(42, 75, 56)  
}
```

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(42, 75, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 75, 56) }
```

Border

The CSS property to change the border of an element to YUV 62.9670, -3.4347, -18.3881 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(42, 75, 56) }
```


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

```
.border{ border-color:rgb(42, 75, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 75, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 75, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 75, 56);  
box-shadow:4px 4px 4px 4px rgb(42, 75, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.9670, -3.4347, -18.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 75, 56) }
```

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

```
.background{ background-color: rgb(42, 75,  
56) }
```

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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