

Converting Colors

YUV(59.0670, 4.8970, -30.7538)

Have a look what the booklet for
YUV(59.0670, 4.8970, -30.7538)
contains.

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Color

**YUV(59.0670, 4.8970,
-30.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	184B45
RGB	24, 75, 69
RGB Percent	9%, 29%, 27%
CMY	0.9059, 0.7059, 0.7294
CMYK	0.68, 0.00, 0.08, 0.71
HSL	173°, 52%, 19%
HSV	173°, 68%, 29%
XYZ	3.9669, 5.6560, 6.5129
YIQ	59.0670, -28.4700, -12.6780

Conversions

Conversions Part 2

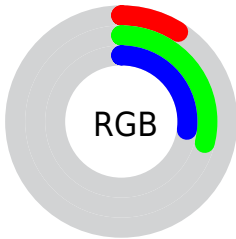
Format	Color
R_{YB}	24, 51, 75
Decimal	1592133
CIE Lab	28.53, -18.49, -1.45
CIE LCh	29, 18.548, 184.469
Yxy	5.6560, 0.2458, 0.3505
Android (android.graphics.Color)	4279782213 (0xFF184B45)
YUV	59.0670, 4.8970, -30.7538
Hunter-Lab	23.7824, -11.8450, 0.4109

Details

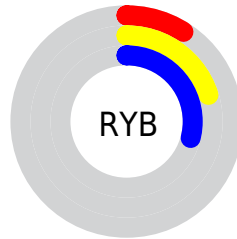
The YUV color **59.0670, 4.8970, -30.7538** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **39.9330, -4.8970, 30.7538**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.5510, 4.1654, -29.4242**, and **21.1610, 2.3856, -18.5582** is the 20% darker color. If you saturate the color by 10%, you get **56.5610, 5.6394, -35.5720**, and if you desaturate by 10%, it is **61.5730, 4.1545, -25.9355**.

Distribution



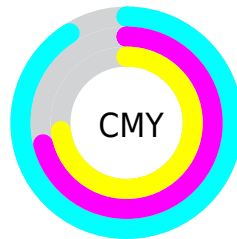
- Red (9%)
- Green (29%)
- Blue (27%)



- Red (9%)
- Yellow (20%)
- Blue (29%)



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (71%)



- Cyan (91%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0670, 4.8970, -30.7538 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 59.0670, 4.8970, -30.7538 by changing the saturation by 10% instead.

■ 59.0670, 4.8970,
-30.7538

■ 59.0670, 4.8970,
-30.7538

■ 255.0000, 0.0000,
0.0000

■ 35.8820, 5.4812,
-31.4685

■ 108.5510, 4.1654,
-29.4242

■ 21.1610, 2.3856,
-18.5582

■ 134.2520, 4.3128,
-30.0390

■ 0.0000, 0.0000,
0.0000

■ 160.8390, 4.0234,
-30.5538

■ 187.8390, 4.0234,
-30.5538

■ 216.1270, 3.8814,
-31.6834

■ 240.7190, 6.0545,

-28.6946

249.6180, 2.6533,
-11.0660

59.0670, 4.8970,
-30.7538

59.0670, 4.8970,
-30.7538

56.5610, 5.6394,
-35.5720

61.5730, 4.1545,
-25.9355

54.3540, 6.2345,
-39.7755

63.7800, 3.5595,
-21.7321

52.1470, 6.8295,
-43.9789

66.2860, 2.8170,
-16.9138

51.5490, 7.1243,
-45.2085

68.4930, 2.2220,
-12.7104

70.8850, 1.0427,
-7.7921

■ 73.0920, 0.4476,
-3.5887

■ 75.5980, -0.2948,
1.2296

■ 77.8050, -0.8899,
5.4330

■ 80.3110, -1.6323,
10.2513

Harmonies

Analogous

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



62.1520, -4.0189, -17.6733



59.0670, 4.8970, -30.7538



56.4880, 13.0704, -39.0160

Triad

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



59.0670, 4.8970, -30.7538



68.8830, 10.9037, 2.7336



67.1950, -12.4211, 17.3690

Complementary

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



59.0670, 4.8970, -30.7538



39.9330, -4.8970, 30.7538

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.



68.0800, -7.9274, 22.7318



59.0670, 4.8970, -30.7538



69.1790, 5.3348, 15.6290

Square

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



59.0670, 4.8970, -30.7538



66.1090, 14.7363, -13.2506



68.8010, -1.3809, 22.9765



66.2000, -13.4096, 7.7176

Rectangle

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



59.0670, 4.8970, -30.7538



59.0910, 15.2381, -34.2828



68.8010, -1.3809, 22.9765



67.8470, -11.2636, 19.4282

Sweetspot

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



59.0670, 4.8970, -30.7538



91.0910, 1.9271, -11.4808



56.0300, -15.7908, -21.9513



44.5970, 1.1847, -6.6626



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.



59.0670, 4.8970, -30.7538



72.0540, 7.8614, -48.2824



48.5980, 13.0162, -21.5724



36.8040, 0.5896, -2.4591



70.1340, 9.7939, -61.5075



158.1520, 22.1101, -138.6993

Inverse Universe

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



39.9330, -4.8970, 30.7538



42.0600, -7.4246, 48.1824



50.4020, -13.0162, 21.5724



35.3100, -0.1528, 2.3591



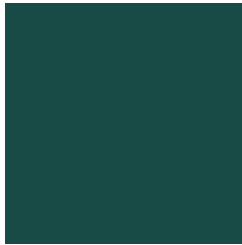
31.8660, -9.7939, 61.5075



71.8480, -22.1101, 138.6993

Previews

White Background



This preview shows how the YUV color 59.0670, 4.8970, -30.7538 looks on a white background.

Color Contrast Check

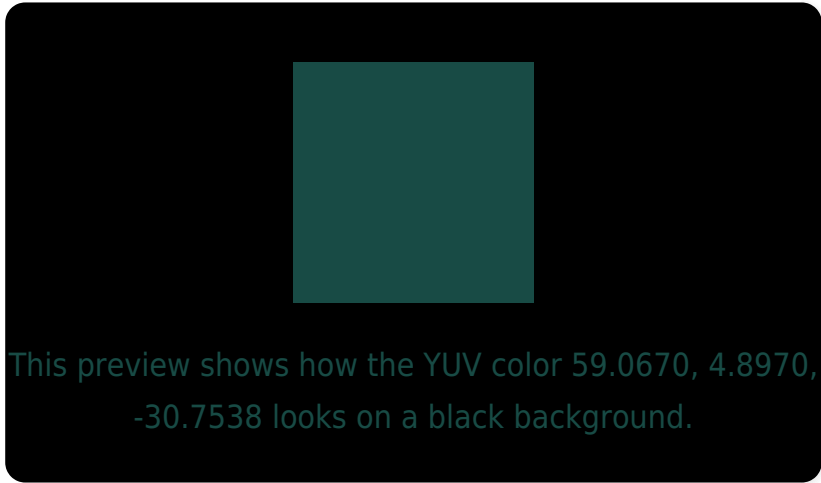
Large Text (above 18pt) WCAG AA ✓ Pass

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

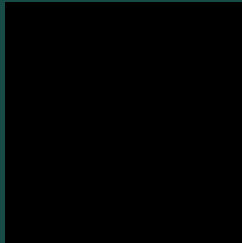
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.0670, 4.8970, -30.7538

Background



This preview shows how black text looks on a background with the YUV color 59.0670, 4.8970, -30.7538.



This preview shows how white text looks on a background with the YUV color 59.0670, 4.8970,

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

59.0670, 4.8970, -30.7538

Protanopia

67.2560, -1.6052, 1.5295

Deuteranopia

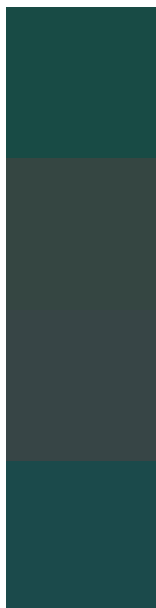
67.7770, 1.5889, 3.7036



Tritanopia

60.5280, 9.1067, -27.6501

Trichromacy



Original Color

59.0670, 4.8970, -30.7538

Protanomaly

64.4610, 0.7587, -10.0513

Deuteranomaly

64.9280, 2.5005, -8.7069

Tritanomaly

60.0610, 7.3649, -28.9945

Monochromacy



Original Color

59.0670, 4.8970, -30.7538

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0910, 1.9271, -11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0670, 4.8970, -30.7538 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(24, 75, 69)` looks like.

```
.text, #text, p{  
    color:rgb(24, 75, 69)  
}
```

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(24, 75, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 75, 69) }
```

Border

The CSS property to change the border of an element to YUV 59.0670, 4.8970, -30.7538 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(24, 75, 69) }
```


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

```
.border{ border-color:rgb(24, 75, 69) }
```

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

Here you see how a box with a 4 pixel rgb(24, 75, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 75, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 75, 69);  
box-shadow:4px 4px 4px 4px rgb(24, 75, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.0670, 4.8970, -30.7538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 75, 69) }
```

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

```
.background{ background-color: rgb(24, 75,  
69) }
```

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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