

Converting Colors

YUV(96.0670, -11.8650,
-21.1068)

Have a look what the booklet for
YUV(96.0670, -11.8650, -21.1068)
contains.

YUV(96.0670, -11.8650, -21.1068)	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(96.0670, -11.8650,
-21.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	487148
RGB	72, 113, 72
RGB Percent	28%, 44%, 28%
CMY	0.7176, 0.5569, 0.7176
CMYK	0.36, 0.00, 0.36, 0.56
HSL	120°, 22%, 36%
HSV	120°, 36%, 44%
XYZ	9.7473, 13.6559, 8.2530
YIQ	96.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

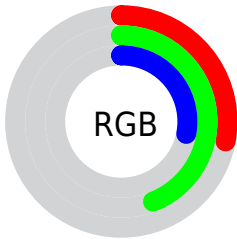
Format	Color
R_{YB}	72, 113, 113
Decimal	4747592
CIE _{Lab}	43.74, -23.44, 18.35
CIE _{LCh}	44, 29.771, 141.946
Yxy	13.6559, 0.3079, 0.4314
Android (android.graphics.Color)	4282937672 (0xFF487148)
YUV	96.0670, -11.8650, -21.1068
Hunter-Lab	36.9538, -17.5862, 12.6263

Details

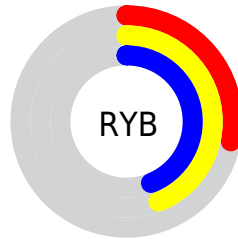
The YUV color **96.0670, -11.8650, -21.1068** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **88.9330, 11.8650, 21.1068**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1270, -12.8806, -22.0364**, and **48.5230, -10.1178, -21.5067** is the 20% darker color. If you saturate the color by 10%, you get **91.5240, -15.0483, -26.7695**, and if you desaturate by 10%, it is **100.6100, -8.6817, -15.4440**.

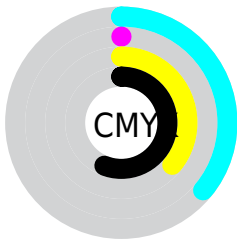
Distribution



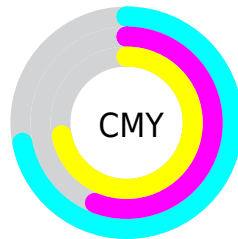
- Red (28%)
- Green (44%)
- Blue (28%)



- Red (28%)
- Yellow (44%)
- Blue (44%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (56%)



- Cyan (72%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0670, -11.8650, -21.1068 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 96.0670, -11.8650, -21.1068 by changing the saturation by 10% instead.

■ 96.0670, -11.8650,
-21.1068

■ 96.0670, -11.8650,
-21.1068

255.0000, 0.0000,
0.0000

■ 71.5940, -11.1388,
-20.6919

■ 147.1270,
-12.8806, -22.0364

■ 48.5230, -10.1178,
-21.5067

■ 173.7140,
-13.1700, -22.5512

■ 25.5940, -11.1388,
-20.6919

■ 201.4860,
-14.0436, -22.3512

■ 12.3270, -6.0772,
-10.8108

■ 229.7740,
-14.1856, -23.4808

■ 0.0000, 0.0000,
0.0000

■ 245.1590, -7.9664,
-11.5404

■ 96.0670, -11.8650,
-21.1068

■ 96.0670, -11.8650,
-21.1068

■ 91.5240, -15.0483,
-26.7695

■ 100.6100, -8.6817,
-15.4440

■ 86.5680, -18.5210,
-32.9471

■ 105.5660, -5.2090,
-9.2664

■ 82.0250, -21.7043,
-38.6099

■ 110.1090, -2.0257,
-3.6036

■ 77.4820, -24.8876,
-44.2727

■ 114.6520, 1.1576,
2.0592

■ 72.9390, -28.0709,
-49.9355

■ 119.6080, 4.6303,
8.2368

■ 67.9830, -31.5436,
-56.1131

■ 124.1510, 7.8136,
13.8996

■ 66.3310, -32.7012,
-58.1723

■ 128.6940, 10.9969,
19.5624

■ 133.2370, 14.1802,

25.2252

■ 138.1930, 17.6529,
31.4027

Harmonies

Analogous

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



99.3920, -21.3923, 1.4102



96.0670, -11.8650, -21.1068



89.5010, 3.2040, -47.7974

Triad

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



96.0670, -11.8650, -21.1068



95.9730, 27.6213, -39.4413



104.8480, -9.2921, 40.4753

Complementary

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



96.0670, -11.8650, -21.1068



88.9330, 11.8650, 21.1068

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.



105.6160, 2.6543, 35.4168



96.0670, -11.8650, -21.1068



103.8030, 22.2821, -6.8432

Square

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



96.0670, -11.8650, -21.1068



83.1060, 29.0347, -72.8840



106.3780, 13.6176, 18.9625



103.5840, -19.0219, 34.5678

Rectangle

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



96.0670, -11.8650, -21.1068



80.9740, 15.7888, -71.0142



106.3780, 13.6176, 18.9625



105.1730, -5.5083, 40.1903

Sweetspot

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



96.0670, -11.8650, -21.1068



141.3920, -4.6303, -8.2368



108.3260, -17.9087, 4.0991



69.8700, -2.8939, -5.1480



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.0670, -11.8650, -21.1068



121.1550, -18.8104, -33.4619



98.4610, -2.6923, -23.2063



53.5220, -1.7363, -3.0888



70.4400, -34.7269, -61.7759



144.9890, -71.4796, -127.1554

Inverse Universe

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



88.9330, 11.8650, 21.1068



109.8450, 18.8104, 33.4619



86.6530, 3.1291, 23.1063



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 96.0670, -11.8650, -21.1068 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 96.0670, -11.8650, -21.1068 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 96.0670, -11.8650, -21.1068

Background



This preview shows how black text looks on a background with the YUV color 96.0670, -11.8650, -21.1068.



This preview shows how white text looks on a background with the YUV color 96.0670, -11.8650,

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

96.0670, -11.8650, -21.1068

Protanopia

101.7010, -16.6146, 9.0322

Deuteranopia

103.1410, -13.8735, 16.5393



Tritanopia

100.5400, 7.6218, -18.0136

Trichromacy



Original Color

96.0670, -11.8650, -21.1068

Protanomaly

99.6780, -15.1243, -2.3486

Deuteranomaly

100.5800, -13.1039, 2.9993

Tritanomaly

98.9930, 0.4965, -19.2879

Monochromacy



Original Color

96.0670, -11.8650, -21.1068

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0670, -11.8650, -21.1068 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(72, 113, 72)` looks like.

```
.text, #text, p{  
    color:rgb(72, 113, 72)  
}
```

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(72, 113, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 113, 72) }
```

Border

The CSS property to change the border of an element to YUV 96.0670, -11.8650, -21.1068 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(72, 113, 72) }
```


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

```
.border{ border-color:rgb(72, 113, 72) }
```

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

Here you see how a box with a 4 pixel rgb(72, 113, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 113, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 113, 72);  
box-shadow:4px 4px 4px 4px rgb(72, 113,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 96.0670, -11.8650, -21.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 113, 72) }
```

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

```
.background{ background-color: rgb(72, 113,  
72) }
```

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