

Converting Colors

YUV(68.9530, 7.9112, -17.4988)

Have a look what the booklet for
YUV(68.9530, 7.9112, -17.4988)
contains.

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Color

**YUV(68.9530, 7.9112,
-17.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	314C55
RGB	49, 76, 85
RGB Percent	19%, 30%, 33%
CMY	0.8078, 0.7020, 0.6667
CMYK	0.42, 0.11, 0.00, 0.67
HSL	195°, 27%, 26%
HSV	195°, 42%, 33%
XYZ	5.4908, 6.4777, 9.5553
YIQ	68.9530, -18.9810, -2.9250

Conversions

Conversions Part 2

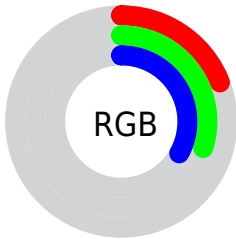
Format	Color
R_YB	49, 64, 85
Decimal	3230805
CIE Lab	30.59, -7.52, -8.55
CIE LCh	31, 11.390, 228.683
Yxy	6.4777, 0.2551, 0.3010
Android (android.graphics.Color)	4281420885 (0xFF314C55)
YUV	68.9530, 7.9112, -17.4988
Hunter-Lab	25.4514, -6.0312, -4.4434

Details

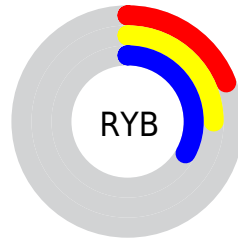
The YUV color **68.9530, 7.9112, -17.4988** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.0470, -7.9112, 17.4988**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7680, 8.4954, -18.2135**, and **24.2410, 7.7692, -18.6284** is the 20% darker color. If you saturate the color by 10%, you get **65.3870, 9.6692, -21.3874**, and if you desaturate by 10%, it is **72.5190, 6.1531, -13.6102**.

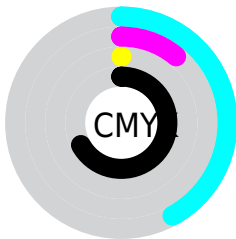
Distribution



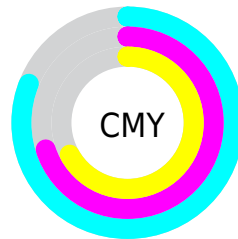
- Red (19%)
- Green (30%)
- Blue (33%)



- Red (19%)
- Yellow (25%)
- Blue (33%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (67%)



- Cyan (81%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9530, 7.9112, -17.4988 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 68.9530, 7.9112, -17.4988 by changing the saturation by 10% instead.

■ 68.9530, 7.9112,
-17.4988

■ 68.9530, 7.9112,
-17.4988

■ 255.0000, 0.0000,
0.0000

■ 45.9530, 7.9112,
-17.4988

■ 117.7680, 8.4954,
-18.2135

■ 24.2410, 7.7692,
-18.6284

■ 143.4690, 8.6428,
-18.8283

■ 5.2150, 7.2890,
-4.5736

■ 169.8820, 8.9322,
-18.3135

■ 0.0000, 0.0000,
0.0000

■ 197.5830, 9.0796,
-18.9283

■ 225.2840, 9.2270,
-19.5431

■ 248.1230, 3.3904,

-14.1399

■ 68.9530, 7.9112,
-17.4988

■ 68.9530, 7.9112,
-17.4988

■ 65.3870, 9.6692,
-21.3874

■ 72.5190, 6.1531,
-13.6102

■ 61.5220, 11.5747,
-25.8908

■ 76.3840, 4.2477,
-9.1068

■ 57.9560, 13.3327,
-29.7794

■ 79.9500, 2.4897,
-5.2181

■ 53.5040, 15.5275,
-33.7680

■ 83.8150, 0.5842,
-0.7148

■ 49.9380, 17.2856,
-37.6566

■ 88.2670, -1.6106,
3.2738

■ 47.2580, 18.6068,
-41.4453

■ 91.8330, -3.3687,
7.1625

■ 95.3990, -5.1267,
11.0511

■ 99.2640, -7.0322,
15.5545

■ 102.8300, -8.7902,
19.4431

Harmonies

Analogous

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



68.3290, 4.2748, -17.8285



68.9530, 7.9112, -17.4988



70.6270, 9.0579, -11.9509

Triad

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



68.9530, 7.9112, -17.4988



73.7180, 1.1250, 12.5253



70.9480, -7.8624, 1.7996

Complementary

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



68.9530, 7.9112, -17.4988



65.0470, -7.9112, 17.4988

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.



71.8780, -8.3209, 8.8770



68.9530, 7.9112, -17.4988



73.2900, -3.1010, 14.6547

Square

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



68.9530, 7.9112, -17.4988



73.4120, 5.2199, 5.7777



72.9540, -6.8793, 13.1953



70.2890, -5.0725, -6.3925

Rectangle

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



68.9530, 7.9112, -17.4988



71.8450, 8.4574, -6.0031



72.9540, -6.8793, 13.1953



71.1440, -8.4520, 4.2587

Sweetspot

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



68.9530, 7.9112, -17.4988



103.1670, 3.3687, -7.1625



71.1580, -6.4869, -19.4326



52.1350, 1.9054, -4.5034



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



68.9530, 7.9112, -17.4988



85.0380, 12.3063, -27.2203



58.3870, 13.1202, -8.2324



41.2170, 0.8790, -1.9443



59.1580, 23.5861, -51.8816



130.1020, 51.7147, -114.0995

Inverse Universe

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



62.8420, 6.4869, 19.4326



75.5320, 10.0907, 30.2284



75.6130, -13.1202, 8.2324



40.5380, 0.7208, 2.1592



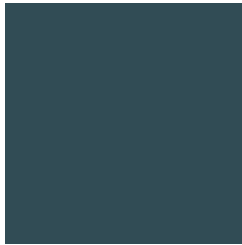
41.1130, 19.1713, 57.7829



90.3290, 42.2358, 126.8765

Previews

White Background



This preview shows how the YUV color 68.9530, 7.9112, -17.4988 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 68.9530, 7.9112, -17.4988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

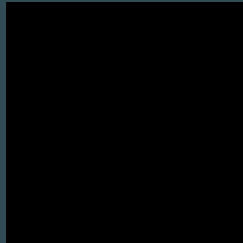
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9530, 7.9112, -17.4988

Background



This preview shows how black text looks on a background with the YUV color 68.9530, 7.9112, -17.4988.



This preview shows how white text looks on a background with the YUV color 68.9530, 7.9112, -17.4988.

-17.4988.

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

68.9530, 7.9112, -17.4988

Protanopia

71.9550, 4.9522, -1.7145

Deuteranopia

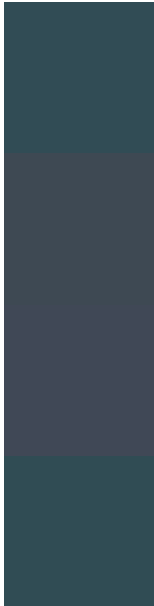
72.4220, 6.6940, -0.3701



Tritanopia

68.4260, 7.1850, -17.9136

Trichromacy



Original Color

68.9530, 7.9112, -17.4988

Protanomaly

70.8510, 5.9895, -7.7623

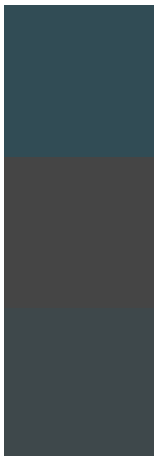
Deuteranomaly

71.2040, 7.2944, -6.3179

Tritanomaly

68.5400, 7.6218, -18.0136

Monochromacy



Original Color

68.9530, 7.9112, -17.4988

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3520, 2.7845, -6.4477

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9530, 7.9112, -17.4988 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(49, 76, 85)` looks like.

```
.text, #text, p{  
    color:rgb(49, 76, 85)  
}
```

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(49, 76, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 76, 85) }
```

Border

The CSS property to change the border of an element to YUV 68.9530, 7.9112, -17.4988 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(49, 76, 85) }
```


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

```
.border{ border-color:rgb(49, 76, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 76, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 76, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 76, 85);  
box-shadow:4px 4px 4px 4px rgb(49, 76, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9530, 7.9112, -17.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 76, 85) }
```

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

```
.background{ background-color: rgb(49, 76,  
85) }
```

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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