

Converting Colors

YUV(143.7470, 16.8867,
-49.7671)

Have a look what the booklet for
YUV(143.7470, 16.8867, -49.7671)
contains.

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Color

**YUV(143.7470, 16.8867,
-49.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	57A6B2
RGB	87, 166, 178
RGB Percent	34%, 65%, 70%
CMY	0.6588, 0.3490, 0.3020
CMYK	0.51, 0.07, 0.00, 0.30
HSL	188°, 37%, 52%
HSV	188°, 51%, 70%
XYZ	25.6026, 32.5130, 47.0457
YIQ	143.7470, -50.9360, -13.0160

Conversions

Conversions Part 2

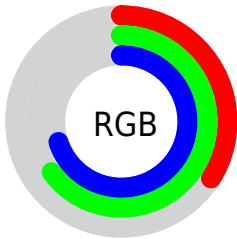
Format	Color
RYB	87, 129, 178
Decimal	5744306
CIELab	63.76, -20.90, -13.67
CIElCh	64, 24.976, 213.195
Yxy	32.5130, 0.2435, 0.3092
Android (android.graphics.Color)	4283934386 (0xFF57A6B2)
YUV	143.7470, 16.8867, -49.7671
Hunter-Lab	57.0202, -19.6372, -9.0043

Details

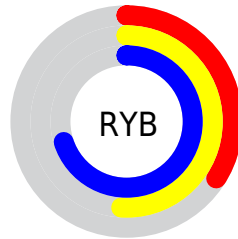
The YUV color **143.7470, 16.8867, -49.7671** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **121.2530, -16.8867, 49.7671**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1600, 17.1761, -49.2523**, and **88.0450, 18.2188, -57.0445** is the 20% darker color. If you saturate the color by 10%, you get **137.1910, 20.1188, -59.8035**, and if you desaturate by 10%, it is **150.3030, 13.6546, -39.7307**.

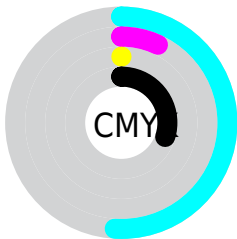
Distribution



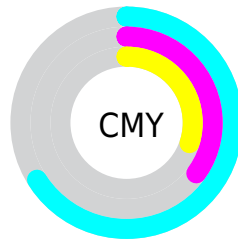
- Red (34%)
- Green (65%)
- Blue (70%)



- Red (34%)
- Yellow (51%)
- Blue (70%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (66%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.7470, 16.8867, -49.7671 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 143.7470, 16.8867, -49.7671 by changing the saturation by 10% instead.

■ 143.7470, 16.8867,
-49.7671

■ 143.7470, 16.8867,
-49.7671

■ 255.0000, 0.0000,
0.0000

■ 116.7360, 16.8922,
-51.5115

■ 199.1600, 17.1761,
-49.2523

■ 88.0450, 18.2188,
-57.0445

■ 226.9490, 13.8291,
-49.0673

■ 63.6430, 17.9240,
-55.8149

■ 238.5550, 8.1074,
-33.8127

■ 46.8190, 14.3862,
-41.0603

■ 247.2260, 3.8326,
-15.9842

■ 31.3970, 11.1433,
-27.5352

■ 17.1490, 7.3215,
-15.0397

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 143.7470, 16.8867,
-49.7671

■ 143.7470, 16.8867,
-49.7671

■ 137.1910, 20.1188,
-59.8035

■ 150.3030, 13.6546,
-39.7307

■ 130.0480, 23.6403,
-69.3251

■ 157.4460, 10.1331,
-30.2091

■ 123.7910, 26.7250,
-78.7467

■ 163.7030, 7.0484,
-20.7875

■ 117.2350, 29.9571,
-88.7831

■ 170.2590, 3.8163,
-10.7511

■ 111.2770, 32.8944,
-97.5899

■ 177.4020, 0.2948,
-1.2296

■ 183.9580, -2.9373,
8.8068

■ 190.5140, -6.1694,
18.8432

■ 197.3580, -9.5435,
27.7500

■ 203.9140,
-12.7756, 37.7864

Harmonies

Analogous

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



144.5170, 5.6611, -42.5494



143.7470, 16.8867, -49.7671



147.4090, 22.9694, -40.7007

Triad

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



143.7470, 16.8867, -49.7671



158.0320, 8.3652, 23.6509



153.1700, -21.2828, 13.0059

Complementary

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



143.7470, 16.8867, -49.7671



121.2530, -16.8867, 49.7671

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.



154.7250, -19.5844, 28.3052



143.7470, 16.8867, -49.7671



157.6500, -2.2925, 35.3869

Square

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



143.7470, 16.8867, -49.7671



156.9030, 17.3028, 3.5931



156.3160, -12.4808, 36.5569



150.3140, -16.4238, -5.5374

Rectangle

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



143.7470, 16.8867, -49.7671



150.8990, 23.2208, -27.9754



156.3160, -12.4808, 36.5569



153.5020, -21.4465, 18.8537

Sweetspot

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



143.7470, 16.8867, -49.7671



218.6000, 6.6062, -18.9432



141.6710, -21.5298, -47.9465



109.5470, 3.6743, -11.8807



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



143.7470, 16.8867, -49.7671



178.3890, 26.4302, -77.5172



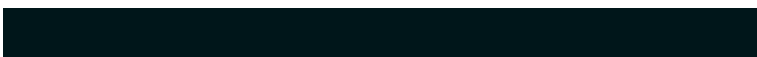
117.9190, 29.6199, -27.1160



85.7220, 1.6161, -5.0182



95.5130, 28.3411, -83.7649



15.8780, 4.9901, -13.9250

Inverse Universe

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



123.2150, 21.0930, 48.0464



146.4800, 32.7944, 75.0010



147.0810, -29.6199, 27.1160



83.6030, 2.1677, 4.7332



60.9090, 35.5409, 80.7638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 143.7470, 16.8867, -49.7671 looks on a white background.

Color Contrast Check

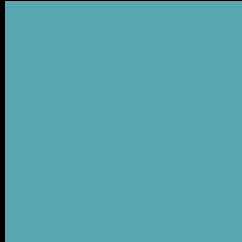
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 143.7470, 16.8867, -49.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

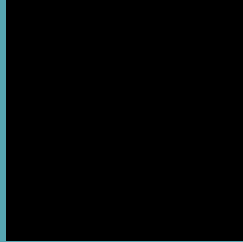
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 143.7470, 16.8867, -49.7671

Background



This preview shows how black text looks on a background with the YUV color 143.7470, 16.8867, -49.7671.

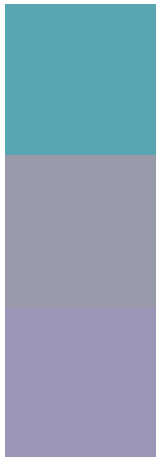


This preview shows how white text looks on a background with the YUV color 143.7470, 16.8867, -49.7671.

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

143.7470, 16.8867, -49.7671

Protanopia

154.5250, 7.1362, -2.2144

Deuteranopia

155.0290, 12.8037, -0.0254



Tritanopia

143.8610, 17.3235, -49.8671

Trichromacy



Original Color

143.7470, 16.8867, -49.7671

Protanomaly

150.6260, 10.5374, -19.8430

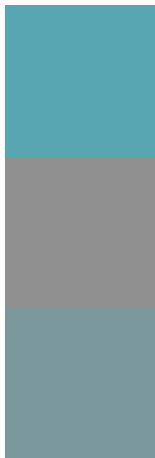
Deuteranomaly

150.9620, 14.3157, -18.3837

Tritanomaly

143.8610, 17.3235, -49.8671

Monochromacy



Original Color

143.7470, 16.8867, -49.7671

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.7470, 16.8867, -49.7671 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(87, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(87, 166, 178)  
}
```

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(87, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 166, 178) }
```

Border

The CSS property to change the border of an element to YUV 143.7470, 16.8867, -49.7671 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(87, 166, 178) }
```


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

```
.border{ border-color:rgb(87, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(87, 166,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 143.7470, 16.8867, -49.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 166, 178) }
```

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

```
.background{ background-color: rgb(87, 166,  
178) }
```

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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