

Converting Colors

YUV(167.6680, 13.4747,
-28.6498)

Have a look what the booklet for
YUV(167.6680, 13.4747, -28.6498)
contains.

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Color

**YUV(167.6680, 13.4747,
-28.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	87B3C3
RGB	135, 179, 195
RGB Percent	53%, 70%, 76%
CMY	0.4706, 0.2980, 0.2353
CMYK	0.31, 0.08, 0.00, 0.24
HSL	196°, 33%, 65%
HSV	196°, 31%, 76%
XYZ	35.9621, 41.3312, 57.7121
YIQ	167.6680, -31.3600, -4.3520

Conversions

Conversions Part 2

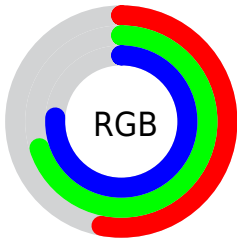
Format	Color
R_{YB}	135, 160, 195
Decimal	8893379
CIE _{Lab}	70.41, -10.81, -12.88
CIE _{LCh}	70, 16.814, 229.994
Yxy	41.3312, 0.2664, 0.3061
Android (android.graphics.Color)	4287083459 (0xFF87B3C3)
YUV	167.6680, 13.4747, -28.6498
Hunter-Lab	64.2894, -12.6573, -8.2216

Details

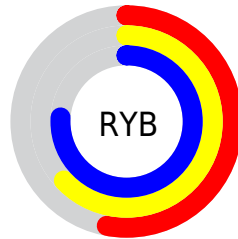
The YUV color **167.6680, 13.4747, -28.6498** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **162.3320, -13.4747, 28.6498**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4830, 14.0589, -29.3646**, and **114.8530, 12.8905, -27.9351** is the 20% darker color. If you saturate the color by 10%, you get **159.0520, 17.7224, -37.7566**, and if you desaturate by 10%, it is **176.5830, 9.0796, -18.9283**.

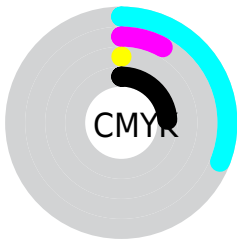
Distribution



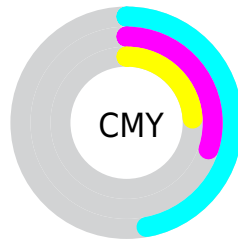
- Red (53%)
- Green (70%)
- Blue (76%)



- Red (53%)
- Yellow (63%)
- Blue (76%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (47%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6680, 13.4747, -28.6498 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 167.6680, 13.4747, -28.6498 by changing the saturation by 10% instead.

■ 167.6680, 13.4747,
-28.6498

■ 167.6680, 13.4747,
-28.6498

255.0000, 0.0000,
0.0000

■ 140.9670, 13.3273,
-28.0351

■ 223.4830, 14.0589,
-29.3646

■ 114.8530, 12.8905,
-27.9351

■ 243.9370, 5.4541,
-22.7467

■ 89.5540, 13.0379,
-28.5499

■ 252.6080, 1.1793,
-4.9182

■ 65.1410, 12.7485,
-29.0647

■ 39.4500, 14.0752,
-34.5976

■ 24.5010, 10.1060,
-21.4874

■ 5.1980, 9.7624,

-4.5586

■ 0.0000, 0.0000,
0.0000

■ 167.6680, 13.4747,
-28.6498

■ 167.6680, 13.4747,
-28.6498

■ 159.0520, 17.7224,
-37.7566

■ 176.5830, 9.0796,
-18.9283

■ 150.1370, 22.1175,
-47.4781

■ 185.1990, 4.8319,
-9.8215

■ 140.9340, 26.6545,
-56.0701

■ 194.7010, 0.1474,
-0.6148

■ 132.0190, 31.0496,
-65.7917

■ 203.3170, -4.1003,
8.4920

■ 123.1040, 35.4447,
-75.5132

■ 211.9330, -8.3480,
17.5988

■ 114.4880, 39.6924,
-84.6200

■ 220.8480,
-12.7431, 27.3203

■ 106.1710, 43.7927,
-93.1120

■ 224.6800,
-14.6322, 26.5906

■ 228.2020,
-16.3686, 23.5018

■ 231.1370,
-17.8155, 20.9279

Harmonies

Analogous

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



166.4630, 7.6597, -30.2241



167.6680, 13.4747, -28.6498



170.3040, 15.6261, -18.6836

Triad

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



167.6680, 13.4747, -28.6498



175.1860, 1.3873, 21.7619



170.1670, -13.3933, 2.4845

Complementary

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



167.6680, 13.4747, -28.6498



162.3320, -13.4747, 28.6498

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.



171.9020, -14.7417, 14.9949



167.6680, 13.4747, -28.6498



174.8570, -6.3385, 26.4354

Square

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



167.6680, 13.4747, -28.6498



174.6560, 8.5506, 10.8257



173.6410, -12.1480, 23.1168



168.4580, -8.1138, -10.9257

Rectangle

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



167.6680, 13.4747, -28.6498



172.4300, 14.5780, -9.1471



173.6410, -12.1480, 23.1168



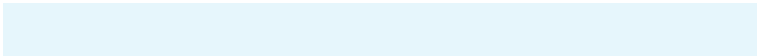
171.2600, -14.4252, 6.7880

Sweetspot

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



167.6680, 13.4747, -28.6498



241.9000, 4.9793, -10.4363



172.0440, -10.3747, -32.4876



121.1670, 3.3687, -7.1625



0.0000, 0.0000, 0.0000



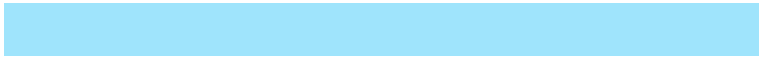
128.0000, 0.0000, 0.0000

Same Dimension

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



167.6680, 13.4747, -28.6498



210.1050, 20.6542, -44.8191



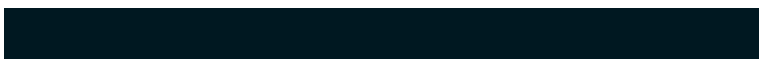
150.0580, 22.1564, -13.2059



92.2490, 2.3422, -4.6034



87.6200, 36.1763, -76.8427



17.8500, 7.4690, -15.6544

Inverse Universe

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



157.9560, 10.3747, 32.4876



194.6730, 16.4302, 50.2758



179.9420, -22.1564, 13.2059



90.7880, 1.5835, 5.4479



61.5910, 27.8096, 87.1817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 167.6680, 13.4747, -28.6498 looks on a white background.

Color Contrast Check

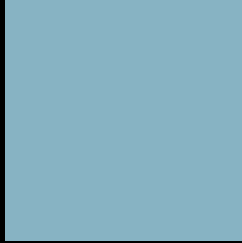
Large Text (above 18pt) WCAG AA × Fail

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 167.6680, 13.4747, -28.6498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

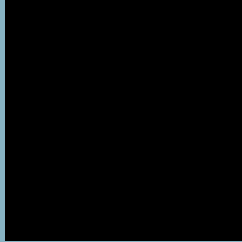
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.6680, 13.4747, -28.6498

Background



This preview shows how black text looks on a background with the YUV color 167.6680, 13.4747, -28.6498.



This preview shows how white text looks on a background with the YUV color 167.6680, 13.4747, -28.6498.

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

167.6680, 13.4747, -28.6498

Protanopia

171.9810, 8.8834, -2.6143

Deuteranopia

173.1110, 11.7773, 2.5337



Tritanopia

167.5540, 13.0379, -28.5499

Trichromacy



Original Color

167.6680, 13.4747, -28.6498

Protanomaly

170.3820, 10.6577, -11.7360

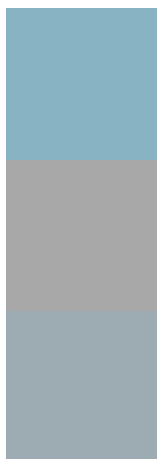
Deuteranomaly

170.8600, 12.3940, -8.6472

Tritanomaly

167.5540, 13.0379, -28.5499

Monochromacy



Original Color

167.6680, 13.4747, -28.6498

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9000, 4.9793, -10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6680, 13.4747, -28.6498 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(135, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(135, 179, 195)  
}
```

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(135, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 179, 195) }
```

Border

The CSS property to change the border of an element to YUV 167.6680, 13.4747, -28.6498 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(135, 179, 195) }
```


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

```
.border{ border-color:rgb(135, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(135, 179,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 167.6680, 13.4747, -28.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 179, 195) }
```

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

```
.background{ background-color: rgb(135,  
179, 195) }
```

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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