

Converting Colors

YUV(166.6510, 15.9481,
-28.6349)

Have a look what the booklet for
YUV(166.6510, 15.9481, -28.6349)
contains.

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Color

**YUV(166.6510, 15.9481,
-28.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	86B1C7
RGB	134, 177, 199
RGB Percent	53%, 69%, 78%
CMY	0.4745, 0.3059, 0.2196
CMYK	0.33, 0.11, 0.00, 0.22
HSL	200°, 37%, 65%
HSV	200°, 33%, 78%
XYZ	35.8625, 40.6361, 59.9862
YIQ	166.6510, -32.6900, -2.2740

Conversions

Conversions Part 2

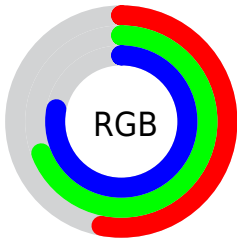
Format	Color
RYB	134, 160, 199
Decimal	8827335
CIELab	69.92, -9.04, -15.82
CIELCh	70, 18.220, 240.241
Yxy	40.6361, 0.2628, 0.2977
Android (android.graphics.Color)	4287017415 (0xFF86B1C7)
YUV	166.6510, 15.9481, -28.6349
Hunter-Lab	63.7465, -11.1359, -11.1701

Details

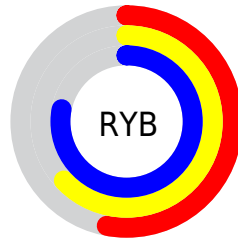
The YUV color $166.6510, 15.9481, -28.6349$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $166.3490, -15.9481, 28.6349$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.3520, 16.0955, -29.2497$, and $113.8360, 15.3639, -27.9202$ is the 20% darker color. If you saturate the color by 10%, you get $156.5620, 20.9219, -37.3269$, and if you desaturate by 10%, it is $176.7400, 10.9742, -19.9430$.

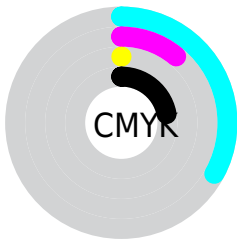
Distribution



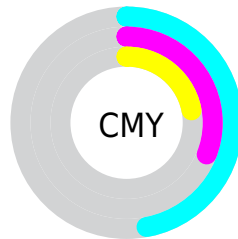
- Red (53%)
- Green (69%)
- Blue (78%)



- Red (53%)
- Yellow (63%)
- Blue (78%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6510, 15.9481, -28.6349 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 166.6510, 15.9481, -28.6349 by changing the saturation by 10% instead.

■ 166.6510, 15.9481,
-28.6349

■ 166.6510, 15.9481,
-28.6349

255.0000, 0.0000,
0.0000

■ 139.9500, 15.8007,
-28.0201

■ 222.3520, 16.0955,
-29.2497

■ 113.8360, 15.3639,
-27.9202

■ 243.6380, 5.6015,
-23.3615

■ 89.0100, 14.7851,
-28.9498

■ 252.3090, 1.3267,
-5.5330

■ 64.1130, 15.2273,
-30.7941

■ 39.2050, 15.6749,
-34.3828

■ 24.2560, 11.7058,
-21.2725

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 166.6510, 15.9481,
-28.6349

■ 166.6510, 15.9481,
-28.6349

■ 156.5620, 20.9219,
-37.3269

■ 176.7400, 10.9742,
-19.9430

■ 147.0600, 25.6064,
-46.5336

■ 186.2420, 6.2897,
-10.7362

■ 136.9710, 30.5803,
-55.2256

■ 196.3310, 1.3158,
-2.0443

■ 126.8820, 35.5542,
-63.9175

■ 206.4200, -3.6581,
6.6477

■ 117.0920, 40.3806,
-71.9947

■ 216.5090, -8.6319,
15.3396

■ 107.5900, 45.0651,
-81.2014

■ 225.7120,
-13.1690, 23.9316

■ 100.1700, 48.7232,
-87.8491

■ 230.4190,
-15.4896, 21.5575

■ 234.5280,
-17.5153, 17.9539

■ 238.6370,
-19.5410, 14.3504

Harmonies

Analogous

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



164.6520, 11.0176, -33.8978



166.6510, 15.9481, -28.6349



169.6680, 16.9257, -15.4948

Triad

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



166.6510, 15.9481, -28.6349



173.8230, -1.3917, 26.4652



168.2480, -12.9403, -2.8485

Complementary

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



166.6510, 15.9481, -28.6349



166.3490, -15.9481, 28.6349

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.



170.5380, -16.0412, 11.8062



166.6510, 15.9481, -28.6349



172.8850, -8.8173, 28.1649

Square

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



166.6510, 15.9481, -28.6349



174.2330, 6.7871, 16.4587



171.7720, -14.1846, 23.0020



166.5820, -6.2029, -17.1734

Rectangle

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



166.6510, 15.9481, -28.6349



171.5770, 14.9985, -4.0140



171.7720, -14.1846, 23.0020



168.9390, -14.2669, 2.6845

Sweetspot

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



166.6510, 15.9481, -28.6349



242.2420, 6.2897, -10.7362



174.6630, -9.2009, -35.6615



119.6940, 4.0949, -6.7476



0.0000, 0.0000, 0.0000



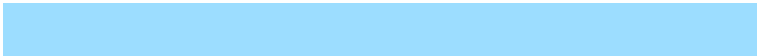
128.0000, 0.0000, 0.0000

Same Dimension

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



166.6510, 15.9481, -28.6349



205.4410, 24.4326, -43.3598



147.8670, 25.2086, -12.1614



94.5480, 2.1948, -3.9886



81.9780, 39.9438, -71.8947



18.1920, 8.7793, -15.9544

Inverse Universe

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



158.3370, 9.2009, 35.6615



193.0110, 13.7986, 54.3644



185.1330, -25.2086, 12.1614



93.3750, 1.2941, 4.9331



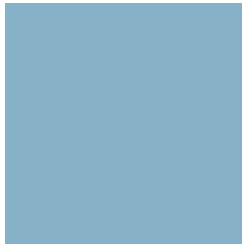
61.0490, 23.1468, 89.4110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 166.6510, 15.9481, -28.6349 looks on a white background.

Color Contrast Check

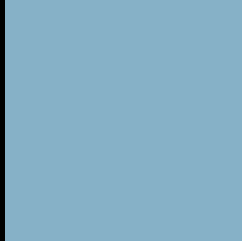
Large Text (above 18pt) WCAG AA × Fail

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 166.6510, 15.9481, -28.6349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

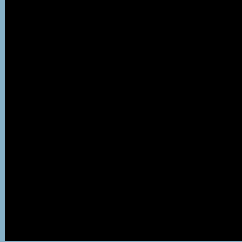
Any Text WCAG AA ✓ Pass

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 166.6510, 15.9481, -28.6349 Background



This preview shows how black text looks on a background with the YUV color 166.6510, 15.9481, -28.6349.



This preview shows how white text looks on a background with the YUV color 166.6510, 15.9481, -28.6349.

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

166.6510, 15.9481, -28.6349

Protanopia

170.9530, 11.3622, -4.3438

Deuteranopia

171.7840, 14.4035, 0.1894



Tritanopia

165.8420, 12.8959, -29.6794

Trichromacy



Original Color

166.6510, 15.9481, -28.6349

Protanomaly

169.3540, 13.1365, -13.4655

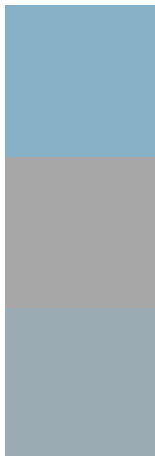
Deuteranomaly

169.8320, 14.8728, -10.3767

Tritanomaly

166.4830, 14.0589, -29.3646

Monochromacy



Original Color

166.6510, 15.9481, -28.6349

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1280, 5.8529, -10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6510, 15.9481, -28.6349 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(134, 177, 199)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 199)  
}
```

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(134, 177, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 199) }
```

Border

The CSS property to change the border of an element to YUV 166.6510, 15.9481, -28.6349 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(134, 177, 199) }
```


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

```
.border{ border-color:rgb(134, 177, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 177, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 177, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 177, 199);  
box-shadow:4px 4px 4px 4px rgb(134, 177,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 166.6510, 15.9481, -28.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 177, 199) }
```

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

```
.background{ background-color: rgb(134,  
177, 199) }
```

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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