

Converting Colors

YUV(164.6500, 17.4275,
-36.5271)

Have a look what the booklet for
YUV(164.6500, 17.4275, -36.5271)
contains.

YUV(164.6500, 17.4275, -36.5271)	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(164.6500, 17.4275,
-36.5271)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB3C8
RGB	123, 179, 200
RGB Percent	48%, 70%, 78%
CMY	0.5176, 0.2980, 0.2157
CMYK	0.38, 0.11, 0.00, 0.22
HSL	196°, 41%, 63%
HSV	196°, 38%, 78%
XYZ	34.7138, 40.6213, 60.6547
YIQ	164.6500, -40.1170, -5.3410

Conversions

Conversions Part 2

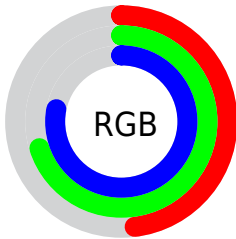
Format	Color
RYB	123, 155, 200
Decimal	8106952
CIELab	69.91, -12.90, -16.44
CIELCh	70, 20.898, 231.888
Yxy	40.6213, 0.2553, 0.2987
Android (android.graphics.Color)	4286297032 (0xFF7BB3C8)
YUV	164.6500, 17.4275, -36.5271
Hunter-Lab	63.7348, -14.3142, -11.8103

Details

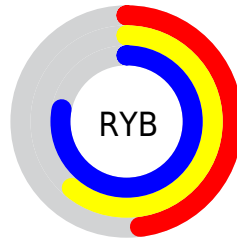
The YUV color **164.6500, 17.4275, -36.5271** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **158.3500, -17.4275, 36.5271**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2370, 17.1382, -37.0418**, and **111.2370, 17.1382, -37.0418** is the 20% darker color. If you saturate the color by 10%, you get **155.7350, 21.8226, -46.2486**, and if you desaturate by 10%, it is **173.5650, 13.0325, -26.8055**.

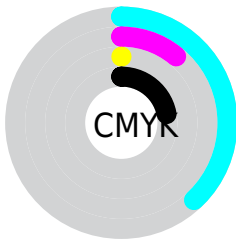
Distribution



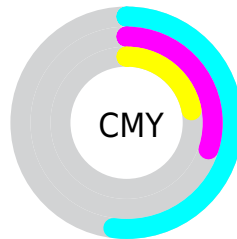
- Red (48%)
- Green (70%)
- Blue (78%)



- Red (48%)
- Yellow (61%)
- Blue (78%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (52%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6500, 17.4275, -36.5271 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 164.6500, 17.4275, -36.5271 by changing the saturation by 10% instead.

■ 164.6500, 17.4275,
-36.5271

■ 164.6500, 17.4275,
-36.5271

■ 255.0000, 0.0000,
0.0000

■ 137.6500, 17.4275,
-36.5271

■ 220.2370, 17.1382,
-37.0418

■ 111.2370, 17.1382,
-37.0418

■ 240.6480, 7.0755,
-29.5093

■ 85.5250, 16.9962,
-38.1714

■ 249.0200, 2.9481,
-12.2955

■ 57.6380, 18.9125,
-46.1635

■ 39.9060, 15.8223,
-34.9976

■ 24.9570, 11.8532,
-21.8873

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 164.6500, 17.4275,
-36.5271

■ 164.6500, 17.4275,
-36.5271

■ 155.7350, 21.8226,
-46.2486

■ 173.5650, 13.0325,
-26.8055

■ 146.2330, 26.5071,
-55.4553

■ 183.0670, 8.3480,
-17.5988

■ 137.3180, 30.9022,
-65.1769

■ 191.9820, 3.9529,
-7.8772

■ 127.8160, 35.5867,
-74.3836

■ 201.4840, -0.7316,
1.3295

■ 118.9010, 39.9818,
-84.1052

■ 210.3990, -5.1267,
11.0511

■ 109.3990, 44.6663,
-93.3119

■ 219.9010, -9.8112,
20.2578

■ 107.9150, 45.3979,
-94.6415

■ 226.4240,
-13.0270, 25.0612

■ 229.9460,
-14.7634, 21.9724

■ 232.8810,
-16.2103, 19.3984

Harmonies

Analogous

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



163.3910, 10.1602, -38.9309



164.6500, 17.4275, -36.5271



168.3080, 19.5682, -23.0721

Triad

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



164.6500, 17.4275, -36.5271



174.5180, 1.2236, 27.6097



168.6570, -16.5929, 2.0548

Complementary

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



164.6500, 17.4275, -36.5271



158.3500, -17.4275, 36.5271

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.



170.7020, -18.0941, 16.9243



164.6500, 17.4275, -36.5271



173.5480, -7.6652, 31.9684

Square

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



164.6500, 17.4275, -36.5271



174.0200, 9.8501, 14.0145



172.2780, -14.9271, 27.8202



166.3820, -9.5553, -15.2440

Rectangle

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



164.6500, 17.4275, -36.5271



171.0430, 18.2198, -10.5617



172.2780, -14.9271, 27.8202



169.1630, -17.3354, 6.8730

Sweetspot

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



164.6500, 17.4275, -36.5271



241.0350, 6.8847, -14.9397



170.5930, -13.1103, -41.7391



119.6830, 4.1003, -8.4920



0.0000, 0.0000, 0.0000



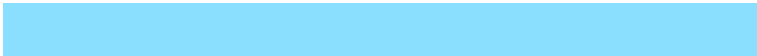
128.0000, 0.0000, 0.0000

Same Dimension

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



164.6500, 17.4275, -36.5271



201.2330, 26.5071, -55.4553



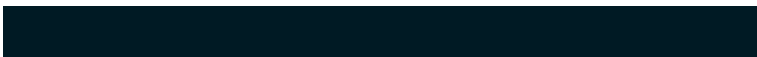
142.3440, 28.4244, -16.9647



95.1350, 1.9054, -4.5034



88.4350, 36.7605, -77.5575



19.3660, 8.2006, -16.9840

Inverse Universe

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



152.4070, 13.1103, 41.7391



182.6730, 19.8812, 63.4308



180.6560, -28.4244, 16.9647



93.4890, 1.7309, 4.8331



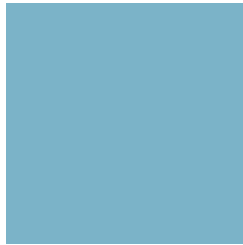
62.3030, 27.9516, 88.3113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 164.6500, 17.4275, -36.5271 looks on a white background.

Color Contrast Check

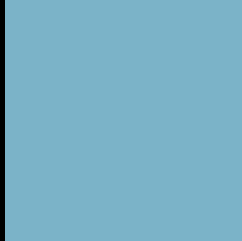
Large Text (above 18pt) WCAG AA × Fail

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 164.6500, 17.4275, -36.5271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

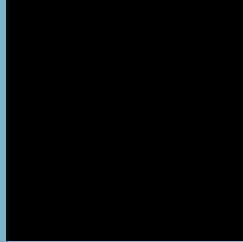
Any Text WCAG AA ✓ Pass

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 164.6500, 17.4275, -36.5271 Background



This preview shows how black text looks on a background with the YUV color 164.6500, 17.4275, -36.5271.



This preview shows how white text looks on a background with the YUV color 164.6500, 17.4275, -36.5271.

-36.5271.

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

164.6500, 17.4275, -36.5271

Protanopia

170.8390, 10.9254, -4.2438

Deuteranopia

171.7130, 15.4245, -0.6253



Tritanopia

164.2540, 14.6648, -37.0568

Trichromacy



Original Color

164.6500, 17.4275, -36.5271

Protanomaly

168.7450, 13.4367, -16.4394

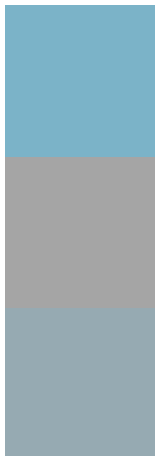
Deuteranomaly

169.4510, 16.0467, -13.5505

Tritanomaly

164.4820, 15.5384, -37.2567

Monochromacy



Original Color

164.6500, 17.4275, -36.5271

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6500, 17.4275, -36.5271 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(123, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(123, 179, 200)  
}
```

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(123, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 179, 200) }
```

Border

The CSS property to change the border of an element to YUV 164.6500, 17.4275, -36.5271 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(123, 179, 200) }
```


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

```
.border{ border-color:rgb(123, 179, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 179, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(123, 179,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 164.6500, 17.4275, -36.5271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 179, 200) }
```

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

```
.background{ background-color: rgb(123,  
179, 200) }
```

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