

Converting Colors

YUV(166.4500, 14.0752,
-34.5976)

Have a look what the booklet for
YUV(166.4500, 14.0752, -34.5976)
contains.

YUV(166.4500, 14.0752, -34.5976)	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(166.4500, 14.0752,
-34.5976)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB5C3
RGB	127, 181, 195
RGB Percent	50%, 71%, 76%
CMY	0.5020, 0.2902, 0.2353
CMYK	0.35, 0.07, 0.00, 0.24
HSL	192°, 36%, 63%
HSV	192°, 35%, 76%
XYZ	35.1266, 41.4999, 57.7887
YIQ	166.4500, -36.6780, -7.0940

Conversions

Conversions Part 2

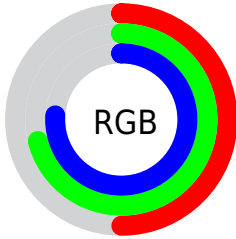
Format	Color
R _{YB}	127, 157, 195
Decimal	8369603
CIE _{Lab}	70.52, -14.14, -12.75
CIE _{LCh}	71, 19.037, 222.042
Y _{xy}	41.4999, 0.2613, 0.3087
Android (android.graphics.Color)	4286559683 (0xFF7FB5C3)
YUV	166.4500, 14.0752, -34.5976
Hunter-Lab	64.4204, -15.4048, -8.0921

Details

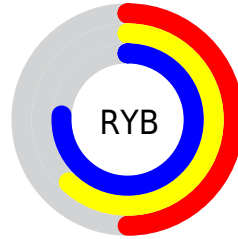
The YUV color **166.4500, 14.0752, -34.5976** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **155.5500, -14.0752, 34.5976**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2650, 14.6594, -35.3124**, and **113.3360, 13.6384, -34.4977** is the 20% darker color. If you saturate the color by 10%, you get **158.4210, 18.0334, -44.2192**, and if you desaturate by 10%, it is **174.7780, 9.9694, -24.3613**.

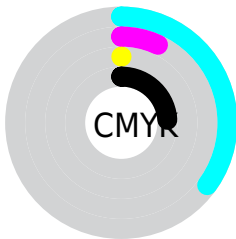
Distribution



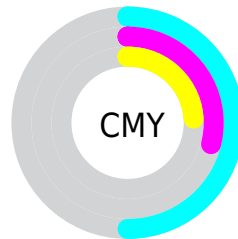
- Red (50%)
- Green (71%)
- Blue (76%)



- Red (50%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4500, 14.0752, -34.5976 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 166.4500, 14.0752, -34.5976 by changing the saturation by 10% instead.

■ 166.4500, 14.0752,
-34.5976

■ 166.4500, 14.0752,
-34.5976

■ 255.0000, 0.0000,
0.0000

■ 139.4500, 14.0752,
-34.5976

■ 222.2650, 14.6594,
-35.3124

■ 113.3360, 13.6384,
-34.4977

■ 241.5450, 6.6333,
-27.6650

■ 88.0370, 13.7858,
-35.1124

■ 250.2160, 2.3585,
-9.8364

■ 62.1290, 14.2334,
-38.7011

■ 40.6240, 13.4964,
-35.6272

■ 25.0880, 9.8166,
-22.0022

■ 5.7850, 9.4730,

-5.0734

■ 0.0000, 0.0000,
0.0000

■ 166.4500, 14.0752,
-34.5976

■ 166.4500, 14.0752,
-34.5976

■ 158.4210, 18.0334,
-44.2192

■ 174.7780, 9.9694,
-24.3613

■ 150.0930, 22.1392,
-54.4556

■ 182.8070, 6.0111,
-14.7397

■ 142.0640, 26.0974,
-64.0771

■ 191.1350, 1.9054,
-4.5034

■ 133.7360, 30.2032,
-74.3135

■ 199.1640, -2.0529,
5.1182

■ 125.7070, 34.1614,
-83.9350

■ 207.4920, -6.1586,
15.3545

■ 117.3790, 38.2672,
-94.1714

■ 215.5210,
-10.1169, 24.9761

■ 113.2150, 40.3200,
-99.2896

■ 221.1580,
-12.8959, 29.6794

■ 223.5060,
-14.0535, 27.6202

■ 225.8540,
-15.2110, 25.5610

Harmonies

Analogous

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



166.0990, 6.3602, -33.4128



166.4500, 14.0752, -34.5976



169.1290, 17.6844, -25.5461

Triad

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



166.4500, 14.0752, -34.5976



176.1690, 3.8607, 21.7768



171.5050, -16.0250, 6.5731

Complementary

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



166.4500, 14.0752, -34.5976



155.5500, -14.0752, 34.5976

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.



172.8810, -16.2103, 19.3984



166.4500, 14.0752, -34.5976



175.0360, -4.4547, 28.9094

Square

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



166.4500, 14.0752, -34.5976



175.0300, 11.3242, 7.8667



174.3750, -12.0169, 27.7351



169.2580, -11.4662, -8.9963

Rectangle

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



166.4500, 14.0752, -34.5976



171.7820, 17.3625, -15.5948



174.3750, -12.0169, 27.7351



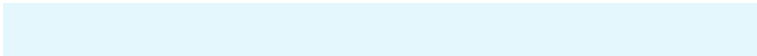
172.0110, -16.7674, 11.3914

Sweetspot

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



166.4500, 14.0752, -34.5976



241.5900, 5.1321, -12.7954



168.5120, -13.5634, -36.4060



120.8680, 3.5161, -7.7772



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.



166.4500, 14.0752, -34.5976



207.9790, 21.7024, -54.3556



146.4920, 23.9144, -17.0945



92.8360, 2.0529, -5.1182



93.4900, 33.2824, -81.9907



19.0240, 6.8902, -16.6840

Inverse Universe

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



153.4880, 13.5634, 36.4060



187.3840, 21.5027, 56.6682



175.5080, -23.9144, 17.0945



90.9020, 2.0203, 5.3479



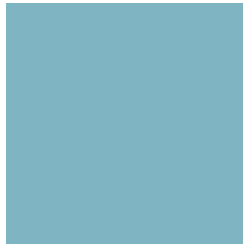
62.7310, 32.1776, 86.1819



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 166.4500, 14.0752, -34.5976 looks on a white background.

Color Contrast Check

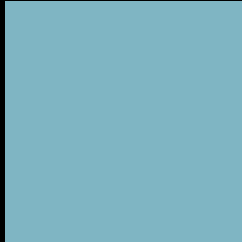
Large Text (above 18pt) WCAG AA × Fail

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 166.4500, 14.0752, -34.5976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

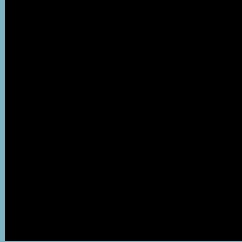
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.4500, 14.0752, -34.5976

Background



This preview shows how black text looks on a background with the YUV color 166.4500, 14.0752, -34.5976.



This preview shows how white text looks on a background with the YUV color 166.4500, 14.0752, -34.5976.

-34.5976.

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

166.4500, 14.0752, -34.5976

Protanopia

172.6390, 7.5730, -2.3144

Deuteranopia

173.8120, 11.9247, 1.9189



Tritanopia

166.4500, 14.0752, -34.5976

Trichromacy



Original Color

166.4500, 14.0752, -34.5976

Protanomaly

170.5450, 10.0843, -14.5100

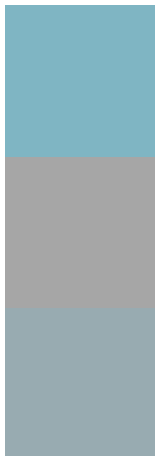
Deuteranomaly

171.2510, 12.6943, -11.6211

Tritanomaly

166.4500, 14.0752, -34.5976

Monochromacy



Original Color

166.4500, 14.0752, -34.5976

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0030, 5.4215, -12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4500, 14.0752, -34.5976 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(127, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(127, 181, 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(127, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 181, 195) }
```

Border

The CSS property to change the border of an element to YUV 166.4500, 14.0752, -34.5976 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

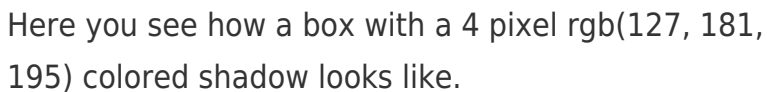
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 181, 195) }
```


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

```
.border{ border-color:rgb(127, 181, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(127, 181,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 166.4500, 14.0752, -34.5976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 181, 195) }
```

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

```
.background{ background-color: rgb(127,  
181, 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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