

Converting Colors

YUV(177.5640, 14.5119,
-34.6976)

Have a look what the booklet for
YUV(177.5640, 14.5119, -34.6976)
contains.

YUV(177.5640, 14.5119, -34.6976)	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(177.5640, 14.5119,
-34.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC0CF
RGB	138, 192, 207
RGB Percent	54%, 75%, 81%
CMY	0.4588, 0.2471, 0.1882
CMYK	0.33, 0.07, 0.00, 0.19
HSL	193°, 42%, 68%
HSV	193°, 33%, 81%
XYZ	40.5934, 47.6075, 66.0812
YIQ	177.5640, -36.9990, -6.7830

Conversions

Conversions Part 2

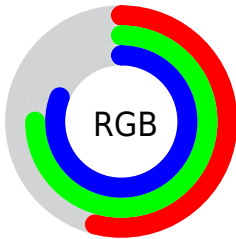
Format	Color
RYB	138, 168, 207
Decimal	9093327
CIELab	74.58, -13.88, -13.16
CIElCh	75, 19.129, 223.486
Yxy	47.6075, 0.2631, 0.3086
Android (android.graphics.Color)	4287283407 (0xFF8AC0CF)
YUV	177.5640, 14.5119, -34.6976
Hunter-Lab	68.9982, -15.7309, -8.4846

Details

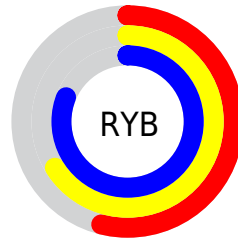
The YUV color $177.5640, 14.5119, -34.6976$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $167.4360, -14.5119, 34.6976$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.3530, 11.1650, -34.5126$, and $123.8630, 14.3645, -34.0829$ is the 20% darker color. If you saturate the color by 10%, you get $168.9370, 18.7651, -45.5487$, and if you desaturate by 10%, it is $186.7780, 9.9694, -24.3613$.

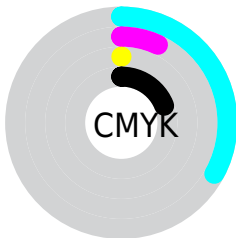
Distribution



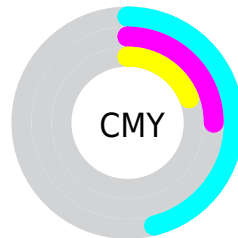
- Red (54%)
- Green (75%)
- Blue (81%)



- Red (54%)
- Yellow (66%)
- Blue (81%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5640, 14.5119, -34.6976 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 177.5640, 14.5119, -34.6976 by changing the saturation by 10% instead.

■ 177.5640, 14.5119,
-34.6976

■ 177.5640, 14.5119,
-34.6976

■ 255.0000, 0.0000,
0.0000

■ 150.4500, 14.0752,
-34.5976

■ 232.3530, 11.1650,
-34.5126

■ 123.8630, 14.3645,
-34.0829

■ 245.1330, 4.8644,
-20.2876

■ 98.4500, 14.0751,
-34.5977

■ 253.8040, 0.5896,
-2.4591

■ 72.5530, 14.5174,
-36.4420

■ 47.0470, 15.2598,
-41.2602

■ 31.5110, 11.5801,
-27.6351

■ 17.3770, 8.1951,

-15.2396

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 177.5640, 14.5119,
-34.6976

■ 177.5640, 14.5119,
-34.6976

■ 168.9370, 18.7651,
-45.5487

■ 186.7780, 9.9694,
-24.3613

■ 160.0220, 23.1602,
-55.2703

■ 195.1060, 5.8637,
-14.1250

■ 151.3950, 27.4133,
-66.1214

■ 204.3200, 1.3212,
-3.7886

■ 142.1810, 31.9558,
-76.4577

■ 212.9470, -2.9319,
7.0625

■ 133.5540, 36.2089,
-87.3089

■ 221.2750, -7.0376,
17.2988

■ 124.6390, 40.6040,
-97.0304

■ 228.3960,
-10.5482, 23.3317

■ 118.6920, 43.5358,
-104.0929

■ 230.7440,
-11.7058, 21.2725

■ 233.6790,
-13.1527, 18.6985

■ 236.0270,
-14.3103, 16.6393

Harmonies

Analogous

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



176.9140, 6.9444, -34.1276



177.5640, 14.5119, -34.6976



180.5420, 17.9738, -25.0313

Triad

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



177.5640, 14.5119, -34.6976



186.7670, 3.5659, 23.0063



182.0920, -16.3144, 6.0583

Complementary

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



177.5640, 14.5119, -34.6976



167.4360, -14.5119, 34.6976

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.



183.7670, -16.6471, 19.4983



177.5640, 14.5119, -34.6976



186.2210, -5.0390, 29.6242

Square

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



177.5640, 14.5119, -34.6976



185.7420, 11.4662, 8.9963



185.5600, -12.6011, 28.4499



180.0730, -10.8820, -9.7110

Rectangle

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



177.5640, 14.5119, -34.6976



182.4940, 17.5045, -14.4652



185.5600, -12.6011, 28.4499



182.7120, -16.6200, 10.7766

Sweetspot

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



177.5640, 14.5119, -34.6976



244.0030, 5.4215, -12.2806



180.2130, -13.4160, -37.0208



120.8680, 3.5161, -7.7772



0.0000, 0.0000, 0.0000



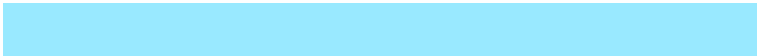
128.0000, 0.0000, 0.0000

Same Dimension

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



177.5640, 14.5119, -34.6976



211.5880, 21.4021, -51.3817



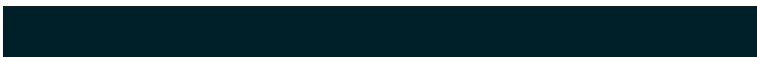
157.6060, 24.3512, -17.1945



99.9500, 2.4897, -5.2181



96.6360, 35.1825, -84.7498



23.4580, 8.6482, -20.5727

Inverse Universe

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



164.7870, 13.4160, 37.0208



192.6180, 19.9083, 54.7090



187.3940, -24.3512, 17.1945



98.2010, 1.8729, 5.9627



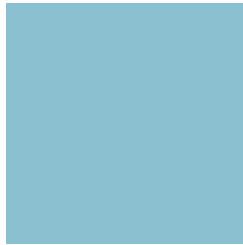
65.2800, 32.8930, 90.0854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 177.5640, 14.5119, -34.6976 looks on a white background.

Color Contrast Check

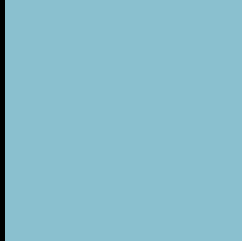
Large Text (above 18pt) WCAG AA × Fail

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 177.5640, 14.5119, -34.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

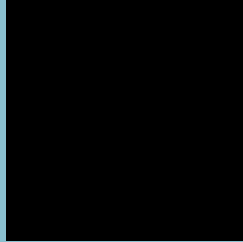
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.5640, 14.5119, -34.6976

Background



This preview shows how black text looks on a background with the YUV color 177.5640, 14.5119, -34.6976.



This preview shows how white text looks on a background with the YUV color 177.5640, 14.5119, -34.6976.

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

177.5640, 14.5119, -34.6976

Protanopia

183.7530, 8.0098, -2.4144

Deuteranopia

184.6380, 12.5035, 2.9485



Tritanopia

177.5640, 14.5119, -34.6976

Trichromacy



Original Color

177.5640, 14.5119, -34.6976

Protanomaly

181.6590, 10.5211, -14.6099

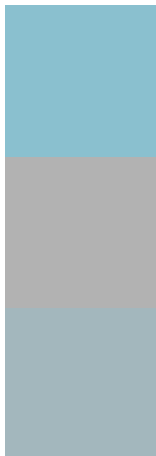
Deuteranomaly

182.0770, 13.2730, -10.5915

Tritanomaly

177.5640, 14.5119, -34.6976

Monochromacy



Original Color

177.5640, 14.5119, -34.6976

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7040, 5.5689, -12.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5640, 14.5119, -34.6976 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(138, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(138, 192, 207)  
}
```

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(138, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 192, 207) }
```

Border

The CSS property to change the border of an element to YUV 177.5640, 14.5119, -34.6976 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(138, 192, 207) }
```


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

```
.border{ border-color:rgb(138, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(138, 192,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 177.5640, 14.5119, -34.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 192, 207) }
```

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

```
.background{ background-color: rgb(138,  
192, 207) }
```

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