

Converting Colors

YUV(176.9570, 8.4022,
-35.0423)

Have a look what the booklet for
YUV(176.9570, 8.4022, -35.0423)
contains.

YUV(176.9570, 8.4022, -35.0423)	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(176.9570, 8.4022,
-35.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	89C2C2
RGB	137, 194, 194
RGB Percent	54%, 76%, 76%
CMY	0.4627, 0.2392, 0.2392
CMYK	0.29, 0.00, 0.00, 0.24
HSL	180°, 32%, 65%
HSV	180°, 29%, 76%
XYZ	39.3459, 47.7970, 58.1909
YIQ	176.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

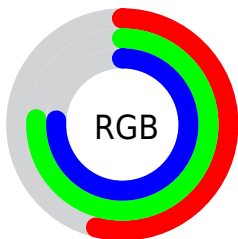
Format	Color
R _Y B	137, 166, 194
Decimal	9028290
CIE Lab	74.70, -18.29, -5.93
CIE LCh	75, 19.230, 197.961
Yxy	47.7970, 0.2707, 0.3289
Android (android.graphics.Color)	4287218370 (0xFF89C2C2)
YUV	176.9570, 8.4022, -35.0423
Hunter-Lab	69.1354, -19.4000, -1.5094

Details

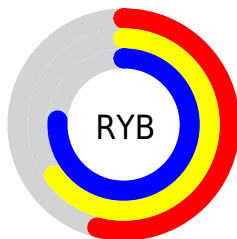
The YUV color $176.9570, 8.4022, -35.0423$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $154.0430, -8.4022, 35.0423$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.2450, 8.2602, -36.1719$, and $123.2560, 8.2548, -34.4275$ is the 20% darker color. If you saturate the color by 10%, you get $171.2760, 11.2029, -46.7231$, and if you desaturate by 10%, it is $182.6380, 5.6015, -23.3615$.

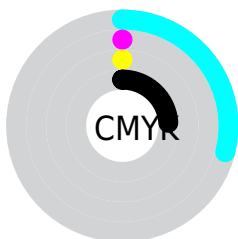
Distribution



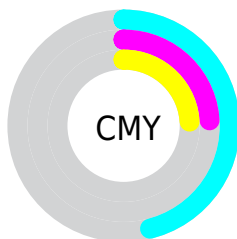
- Red (54%)
- Green (76%)
- Blue (76%)



- Red (54%)
- Yellow (65%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9570, 8.4022, -35.0423 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 176.9570, 8.4022, -35.0423 by changing the saturation by 10% instead.

 176.9570, 8.4022,
-35.0423

 176.9570, 8.4022,
-35.0423

255.0000, 0.0000,
0.0000


 149.9570, 8.4022,
-35.0423


 233.2450, 8.2602,
-36.1719


 123.2560, 8.2548,
-34.4275


 244.8340, 5.0118,
-20.9024


 98.2560, 8.2548,
-34.4275

 253.5050, 0.7370,
-3.0739

 72.6580, 8.5496,
-35.6571

 46.3800, 10.1657,
-40.6753

 30.9580, 6.9227,
-27.1502

 17.4110, 3.2484,

-15.2694

■ 0.0000, 0.0000,
0.0000

■ 176.9570, 8.4022,
-35.0423

■ 176.9570, 8.4022,
-35.0423

■ 171.2760, 11.2029,
-46.7231

■ 182.6380, 5.6015,
-23.3615

■ 165.2960, 14.1511,
-59.0186

■ 188.6180, 2.6533,
-11.0660

■ 159.6150, 16.9518,
-70.6994

■ 194.2990, -0.1474,
0.6148

■ 153.6350, 19.8999,
-82.9949

■ 200.2790, -3.0955,
12.9103

■ 147.9540, 22.7007,
-94.6757

■ 205.9600, -5.8963,
24.5911

■ 142.2730, 25.5014,
-106.3564

■ 211.6410, -8.6970,
36.2718

■ 136.2930, 28.4496,
-118.6520

■ 212.2390, -8.9918,
37.5014

■ 135.9940, 28.5970,
-119.2667

Harmonies

Analogous

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



178.1940, -1.0816, -26.4801



176.9570, 8.4022, -35.0423



178.0910, 15.2381, -34.2828

Triad

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



176.9570, 8.4022, -35.0423



186.8240, 10.4398, 11.5554



183.7560, -16.6417, 17.7540

Complementary

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



176.9570, 8.4022, -35.0423



154.0430, -8.4022, 35.0423

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.



185.6200, -13.6167, 27.5203



176.9570, 8.4022, -35.0423



187.1370, 2.3975, 24.4359

Square

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



176.9570, 8.4022, -35.0423



184.7940, 15.8776, -5.9583



186.8790, -6.3493, 29.9241



181.8960, -15.7247, 3.5992

Rectangle

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



176.9570, 8.4022, -35.0423



180.1180, 17.6898, -27.2905



186.8790, -6.3493, 29.9241



184.3050, -15.9264, 21.6575

Sweetspot

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



176.9570, 8.4022, -35.0423



245.4220, 3.2430, -13.5251



170.4590, -16.4953, -29.3435



123.5150, 2.2111, -9.2217



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.



176.9570, 8.4022, -35.0423



225.6880, 12.9718, -54.1004



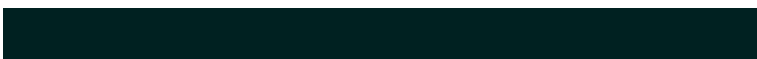
159.9340, 16.7945, -20.1131



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Inverse Universe

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



160.5410, 16.4953, 29.3435



200.3440, 25.4664, 45.3023



170.4790, -16.5051, 20.6279



91.1300, 2.8939, 5.1480



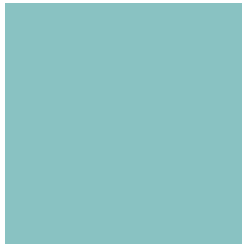
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 176.9570, 8.4022, -35.0423 looks on a white background.

Color Contrast Check

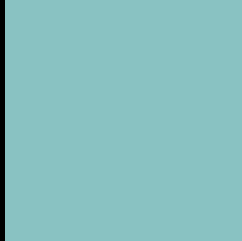
Large Text (above 18pt) WCAG AA × Fail

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 176.9570, 8.4022, -35.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

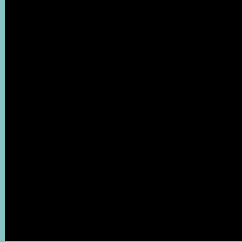
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.9570, 8.4022, -35.0423

Background



This preview shows how black text looks on a background with the YUV color 176.9570, 8.4022, -35.0423.



This preview shows how white text looks on a background with the YUV color 176.9570, 8.4022, -35.0423.

-35.0423.

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

176.9570, 8.4022, -35.0423

Protanopia

183.4670, 1.7418, 1.3444

Deuteranopia

184.9500, 5.9407, 7.9369



Tritanopia

178.1620, 14.2171, -33.4681

Trichromacy



Original Color

176.9570, 8.4022, -35.0423

Protanomaly

181.0740, 4.4005, -11.4659

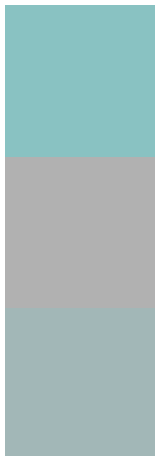
Deuteranomaly

182.0790, 6.8631, -7.9623

Tritanomaly

177.8800, 11.8912, -34.0978

Monochromacy



Original Color

176.9570, 8.4022, -35.0423

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7210, 3.0955, -12.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9570, 8.4022, -35.0423 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(137, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(137, 194, 194)  
}
```

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(137, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 194, 194) }
```

Border

The CSS property to change the border of an element to YUV 176.9570, 8.4022, -35.0423 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(137, 194, 194) }
```


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

```
.border{ border-color:rgb(137, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(137, 194,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 176.9570, 8.4022, -35.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 194, 194) }
```

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

```
.background{ background-color: rgb(137,  
194, 194) }
```

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