

Converting Colors

YUV(178.9660, -5.4062,
-39.4352)

Have a look what the booklet for
YUV(178.9660, -5.4062, -39.4352)
contains.

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Color

**YUV(178.9660, -5.4062,
-39.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	86CCA8
RGB	134, 204, 168
RGB Percent	53%, 80%, 66%
CMY	0.4745, 0.2000, 0.3412
CMYK	0.34, 0.00, 0.18, 0.20
HSL	149°, 41%, 66%
HSV	149°, 34%, 80%
XYZ	38.4923, 51.0812, 44.8767
YIQ	178.9660, -30.1640, -26.0360

Conversions

Conversions Part 2

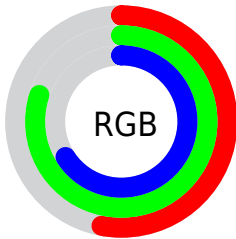
Format	Color
RYB	134, 181, 204
Decimal	8834216
CIELab	76.73, -29.76, 11.04
CIELCh	77, 31.745, 159.654
Yxy	51.0812, 0.2863, 0.3799
Android (android.graphics.Color)	4287024296 (0xFF86CCA8)
YUV	178.9660, -5.4062, -39.4352
Hunter-Lab	71.4711, -28.9396, 12.8016

Details

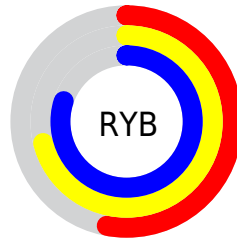
The YUV color $178.9660, -5.4062, -39.4352$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $159.0340, 5.4062, 39.4352$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.6180, -4.2487, -37.3760$, and $124.9060, -4.3907, -38.5056$ is the 20% darker color. If you saturate the color by 10%, you get $171.8460, -6.8261, -50.7309$, and if you desaturate by 10%, it is $186.0860, -3.9864, -28.1394$.

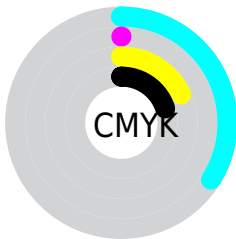
Distribution



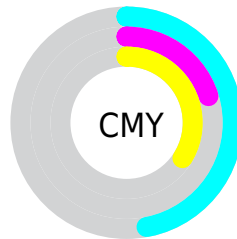
- Red (53%)
- Green (80%)
- Blue (66%)



- Red (53%)
- Yellow (71%)
- Blue (80%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (47%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9660, -5.4062, -39.4352 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 178.9660, -5.4062, -39.4352 by changing the saturation by 10% instead.

■ 178.9660, -5.4062,
-39.4352

■ 178.9660, -5.4062,
-39.4352

255.0000, 0.0000,
0.0000

■ 151.4930, -4.6800,
-39.0204

■ 231.6180, -4.2487,
-37.3760

■ 124.9060, -4.3907,
-38.5056

■ 243.5950, 4.1437,
-22.4468

■ 99.0200, -3.9539,
-38.6055

■ 252.6080, 1.1793,
-4.9182

■ 73.3510, -2.6380,
-40.6498

■ 48.5680, -1.7590,
-42.5941

■ 32.7870, -3.8390,
-28.7542

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 178.9660, -5.4062,
-39.4352

■ 178.9660, -5.4062,
-39.4352

■ 171.8460, -6.8261,
-50.7309

■ 186.0860, -3.9864,
-28.1394

■ 164.3130, -8.5353,
-62.5415

■ 193.6190, -2.2772,
-16.3289

■ 157.1930, -9.9551,
-73.8373

■ 200.7390, -0.8573,
-5.0331

■ 149.6600,
-11.6644, -85.6478

■ 208.2720, 0.8519,
6.7775

■ 142.5400,
-13.0842, -96.9436

■ 215.3920, 2.2717,
18.0732

■ 135.3060,
-14.9409, -108.1394

■ 222.3270, 4.2758,
28.6542

■ 131.0340,
-15.7928, -114.9168

■ 223.4670, 8.6438,
27.6544

■ 224.7210, 13.4485,
26.5547

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



183.3470, -19.8911, -13.4593



178.9660, -5.4062, -39.4352



174.8890, 11.3937, -61.2927

Triad

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



178.9660, -5.4062, -39.4352



188.4360, 28.8721, -20.5534



191.6610, -19.0599, 46.7783

Complementary

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



178.9660, -5.4062, -39.4352



159.0340, 5.4062, 39.4352

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.



193.4020, -6.1142, 47.8824



178.9660, -5.4062, -39.4352



192.8700, 20.7701, 11.5150

Square

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



178.9660, -5.4062, -39.4352



180.8190, 31.1482, -50.7073



193.9950, 7.8905, 35.9614



189.8090, -27.0208, 33.4935

Rectangle

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



178.9660, -5.4062, -39.4352



173.7770, 21.3089, -68.2104



193.9950, 7.8905, 35.9614



192.1110, -14.8447, 48.1377

Sweetspot

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



178.9660, -5.4062, -39.4352



246.0430, -1.9932, -14.0697



185.8540, -25.5640, -13.9040



122.3040, -1.1359, -9.0366



0.0000, 0.0000, 0.0000



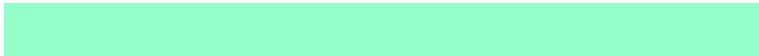
128.0000, 0.0000, 0.0000

Same Dimension

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



178.9660, -5.4062, -39.4352



217.4490, -8.1094, -59.1528



182.9560, 9.8817, -42.9344



98.4400, -0.7099, -5.6479



106.6760, -12.6583, -93.5549



24.4720, -2.6977, -21.4619

Inverse Universe

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



159.0340, 5.4062, 39.4352



187.5510, 8.1094, 59.1528



155.0440, -9.8817, 42.9344



95.5600, 0.7099, 5.6479



59.3240, 12.6583, 93.5549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 178.9660, -5.4062, -39.4352 looks on a white background.

Color Contrast Check

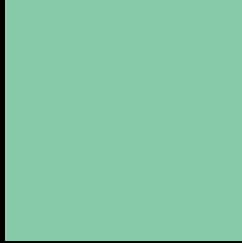
Large Text (above 18pt) WCAG AA × Fail

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 178.9660, -5.4062, -39.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

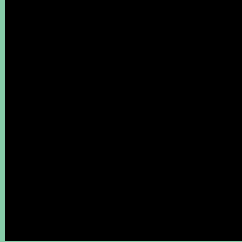
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.9660, -5.4062, -39.4352

Background



This preview shows how black text looks on a background with the YUV color 178.9660, -5.4062, -39.4352.



This preview shows how white text looks on a background with the YUV color 178.9660, -5.4062, -39.4352.

-39.4352.

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

178.9660, -5.4062, -39.4352

Protanopia

187.7980, -13.7044, 8.9472

Deuteranopia

190.2430, -8.5008, 19.9579



Tritanopia

183.6780, 14.9487, -34.7976

Trichromacy



Original Color

178.9660, -5.4062, -39.4352

Protanomaly

184.7850, -10.7400, -8.5814

Deuteranomaly

186.0400, -7.4147, -1.7891

Tritanomaly

181.7180, 7.5340, -36.5867

Monochromacy



Original Color

178.9660, -5.4062, -39.4352

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.0430, -1.9932, -14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9660, -5.4062, -39.4352 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, 204, 168)` looks like.

```
.text, #text, p{  
    color:rgb(134, 204, 168)  
}
```

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, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 204, 168) }
```

Border

The CSS property to change the border of an element to YUV 178.9660, -5.4062, -39.4352 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, 204, 168) }
```


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

```
.border{ border-color:rgb(134, 204, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 204, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(134, 204,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 178.9660, -5.4062, -39.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 204, 168) }
```

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

```
.background{ background-color: rgb(134,  
204, 168) }
```

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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