

Converting Colors

YUV(135.4680, 19.9823,
-62.6774)

Have a look what the booklet for
YUV(135.4680, 19.9823, -62.6774)
contains.

YUV(135.4680, 19.9823, -62.6774)	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(135.4680, 19.9823,
-62.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	40A4B0
RGB	64, 164, 176
RGB Percent	25%, 64%, 69%
CMY	0.7490, 0.3569, 0.3098
CMYK	0.64, 0.07, 0.00, 0.31
HSL	186°, 47%, 47%
HSV	186°, 64%, 69%
XYZ	23.2263, 30.7755, 45.7904
YIQ	135.4680, -63.4520, -17.4680

Conversions

Conversions Part 2

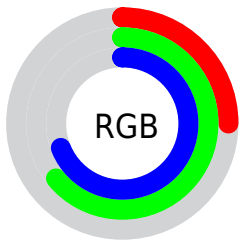
Format	Color
RYB	64, 117, 176
Decimal	4236464
CIELab	62.32, -24.98, -14.81
CIELCh	62, 29.041, 210.666
Yxy	30.7755, 0.2327, 0.3084
Android (android.graphics.Color)	4282426544 (0xFF40A4B0)
YUV	135.4680, 19.9823, -62.6774
Hunter-Lab	55.4757, -22.3489, -10.1058

Details

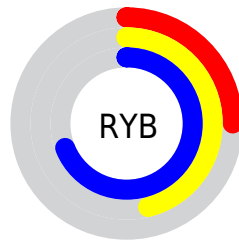
The YUV color **135.4680, 19.9823, -62.6774** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **104.5320, -19.9823, 62.6774**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0770, 19.6820, -59.7035**, and **79.8800, 21.7512, -70.0548** is the 20% darker color. If you saturate the color by 10%, you get **128.9120, 23.2144, -72.7138**, and if you desaturate by 10%, it is **142.0240, 16.7502, -52.6410**.

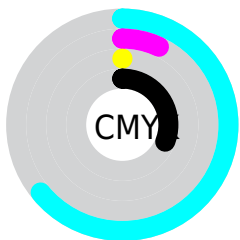
Distribution



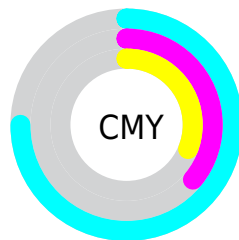
- Red (25%)
- Green (64%)
- Blue (69%)



- Red (25%)
- Yellow (46%)
- Blue (69%)



- Cyan (64%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



- Cyan (75%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4680, 19.9823, -62.6774 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 135.4680, 19.9823, -62.6774 by changing the saturation by 10% instead.

■ 135.4680, 19.9823,
-62.6774

■ 135.4680, 19.9823,
-62.6774

■ 255.0000, 0.0000,
0.0000

■ 105.7660, 21.3144,
-69.9548

■ 192.0770, 19.6820,
-59.7035

■ 79.8800, 21.7512,
-70.0548

■ 220.3930, 17.0613,
-59.1037

■ 62.3550, 18.0660,
-54.6853

■ 233.1730, 10.7607,
-44.8787

■ 45.5310, 14.5282,
-39.9307

■ 242.1430, 6.3385,
-26.4354

■ 29.9950, 10.8485,
-26.3056

■ 250.8140, 2.0637,
-8.6069

■ 12.9260, 8.9105,
-11.3361

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 135.4680, 19.9823,
-62.6774

■ 135.4680, 19.9823,
-62.6774

■ 128.9120, 23.2144,
-72.7138

■ 142.0240, 16.7502,
-52.6410

■ 122.6550, 26.2991,
-82.1354

■ 148.2810, 13.6655,
-43.2194

■ 116.0990, 29.5312,
-92.1718

■ 154.8370, 10.4334,
-33.1830

■ 112.2230, 31.4421,
-98.4196

■ 161.0940, 7.3487,
-23.7614

■ 167.0630, 4.4059,
-13.2103

■ 173.6190, 1.1738,
-3.1739

■ 179.8760, -1.9109,
6.2477

■ 186.4320, -5.1430,
16.2841

■ 192.6890, -8.2277,
25.7057

Harmonies

Analogous

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



138.1740, 5.8302, -50.1416



135.4680, 19.9823, -62.6774



140.0700, 27.0805, -52.6814

Triad

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



135.4680, 19.9823, -62.6774



154.3250, 10.6858, 26.0250



148.9810, -24.6406, 16.6797

Complementary

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



135.4680, 19.9823, -62.6774



104.5320, -19.9823, 62.6774

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.



150.8890, -21.6373, 33.4233



135.4680, 19.9823, -62.6774



153.9110, -1.4351, 40.4201

Square

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



135.4680, 19.9823, -62.6774



153.1030, 20.6552, 1.6637



152.5340, -13.0813, 42.5047



146.4020, -19.9182, -4.7376

Rectangle

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



135.4680, 19.9823, -62.6774



145.5820, 27.3211, -36.4674



152.5340, -13.0813, 42.5047



149.7260, -24.5149, 23.0423

Sweetspot

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



135.4680, 19.9823, -62.6774



213.9090, 7.9329, -24.4762



130.9980, -27.6070, -58.7572



105.1660, 4.8482, -15.0546



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



135.4680, 19.9823, -62.6774



166.5220, 31.2947, -97.8048



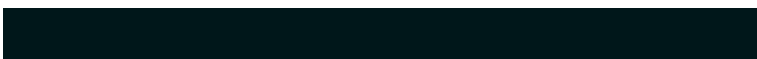
103.1830, 35.8988, -34.3635



85.7220, 1.6161, -5.0182



97.8610, 27.1835, -85.8241



16.4650, 4.7008, -14.4398

Inverse Universe

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



108.8880, 27.1702, 58.8572



125.1090, 42.3443, 91.9894



136.8170, -35.8988, 34.3635



83.6030, 2.1677, 4.7332



61.3650, 37.2881, 80.3639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 135.4680, 19.9823, -62.6774 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 135.4680, 19.9823, -62.6774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

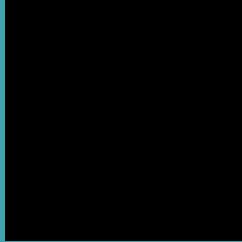
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 135.4680, 19.9823, -62.6774

Background



This preview shows how black text looks on a background with the YUV color 135.4680, 19.9823, -62.6774.



This preview shows how white text looks on a background with the YUV color 135.4680, 19.9823, -62.6774.

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

135.4680, 19.9823, -62.6774

Protanopia

150.3400, 7.7204, -2.9292

Deuteranopia

150.7730, 14.4089, -1.5549



Tritanopia

135.8810, 20.2717, -62.1626

Trichromacy



Original Color

135.4680, 19.9823, -62.6774

Protanomaly

144.7610, 12.4428, -24.3464

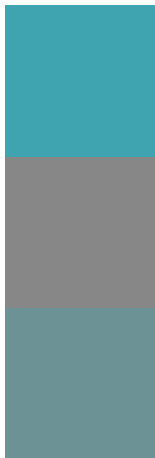
Deuteranomaly

145.4990, 16.5160, -24.1166

Tritanomaly

135.8810, 20.2717, -62.1626

Monochromacy



Original Color

135.4680, 19.9823, -62.6774

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.3930, 7.2013, -23.1467

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4680, 19.9823, -62.6774 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(64, 164, 176)` looks like.

```
.text, #text, p{  
    color:rgb(64, 164, 176)  
}
```

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(64, 164, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 164, 176) }
```

Border

The CSS property to change the border of an element to YUV 135.4680, 19.9823, -62.6774 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(64, 164, 176) }
```


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

```
.border{ border-color:rgb(64, 164, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 164, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 164, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 164, 176);  
box-shadow:4px 4px 4px 4px rgb(64, 164,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 135.4680, 19.9823, -62.6774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 164, 176) }
```

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

```
.background{ background-color: rgb(64, 164,  
176) }
```

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