

Converting Colors

YUV(139.8660, 19.7861,
-46.3635)

Have a look what the booklet for
YUV(139.8660, 19.7861, -46.3635)
contains.

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Color

**YUV(139.8660, 19.7861,
-46.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	579FB4
RGB	87, 159, 180
RGB Percent	34%, 62%, 71%
CMY	0.6588, 0.3765, 0.2941
CMYK	0.52, 0.12, 0.00, 0.29
HSL	194°, 38%, 52%
HSV	194°, 52%, 71%
XYZ	24.5668, 30.1178, 47.6985
YIQ	139.8660, -49.6530, -8.7330

Conversions

Conversions Part 2

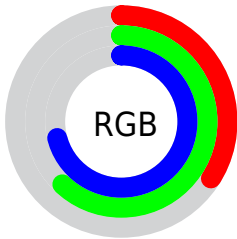
Format	Color
RYB	87, 128, 180
Decimal	5742516
CIELab	61.76, -16.66, -17.83
CIElCh	62, 24.402, 226.956
Yxy	30.1178, 0.2399, 0.2942
Android (android.graphics.Color)	4283932596 (0xFF579FB4)
YUV	139.8660, 19.7861, -46.3635
Hunter-Lab	54.8797, -16.1341, -13.1160

Details

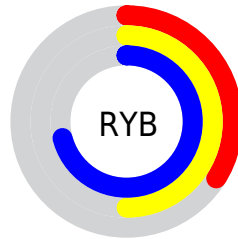
The YUV color **139.8660, 19.7861, -46.3635** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **127.1340, -19.7861, 46.3635**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2790, 20.0755, -45.8487**, and **84.4630, 20.9707, -53.0261** is the 20% darker color. If you saturate the color by 10%, you get **132.1360, 23.5970, -55.3703**, and if you desaturate by 10%, it is **147.5960, 15.9752, -37.3567**.

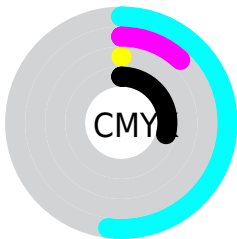
Distribution



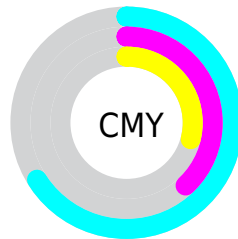
- Red (34%)
- Green (62%)
- Blue (71%)



- Red (34%)
- Yellow (50%)
- Blue (71%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.8660, 19.7861, -46.3635 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 139.8660, 19.7861, -46.3635 by changing the saturation by 10% instead.

■ 139.8660, 19.7861,
-46.3635

■ 139.8660, 19.7861,
-46.3635

■ 255.0000, 0.0000,
0.0000

■ 112.8550, 19.7915,
-48.1078

■ 195.2790, 20.0755,
-45.8487

■ 84.4630, 20.9707,
-53.0261

■ 222.2530, 16.1443,
-44.9489

■ 60.3490, 20.5339,
-52.9261

■ 238.5550, 8.1074,
-33.8127

■ 44.1120, 16.7068,
-38.6862

■ 247.2260, 3.8326,
-15.9842

■ 28.5760, 13.0270,
-25.0612

■ 12.0940, 10.7997,
-10.6064

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 139.8660, 19.7861,
-46.3635

■ 139.8660, 19.7861,
-46.3635

■ 132.1360, 23.5970,
-55.3703

■ 147.5960, 15.9752,
-37.3567

■ 124.4060, 27.4078,
-64.3771

■ 155.3260, 12.1643,
-28.3499

■ 116.6760, 31.2187,
-73.3839

■ 163.0560, 8.3534,
-19.3431

■ 108.9460, 35.0296,
-82.3906

■ 170.7860, 4.5425,
-10.3363

■ 102.1130, 38.3983,
-89.5531

■ 178.5160, 0.7316,
-1.3295

■ 186.2460, -3.0793,
7.6773

■ 193.9760, -6.8902,
16.6840

■ 202.2930,
-10.9904, 25.1760

■ 210.0230,
-14.8013, 34.1828

Harmonies

Analogous

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



138.5750, 11.0555, -46.1083



139.8660, 19.7861, -46.3635



144.7630, 22.7948, -31.3642

Triad

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



139.8660, 19.7861, -46.3635



152.5120, 3.6916, 29.3690



146.9840, -19.2191, 4.3990

Complementary

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



139.8660, 19.7861, -46.3635



127.1340, -19.7861, 46.3635

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.



149.0400, -20.7257, 21.0129



139.8660, 19.7861, -46.3635



152.0970, -6.9498, 35.8719

Square

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



139.8660, 19.7861, -46.3635



152.5190, 13.0551, 12.6998



150.7840, -15.6695, 32.6384



143.9970, -12.3235, -14.0294

Rectangle

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



139.8660, 19.7861, -46.3635



147.9220, 21.7305, -16.5946



150.7840, -15.6695, 32.6384



147.3870, -20.4038, 11.0616

Sweetspot

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



139.8660, 19.7861, -46.3635



218.3550, 8.2060, -18.7283



143.8710, -18.1774, -49.8759



107.4870, 4.6899, -10.9511



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



139.8660, 19.7861, -46.3635



171.9750, 31.0713, -72.7691



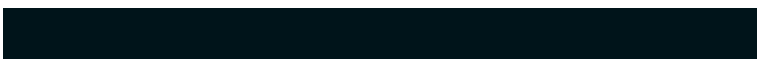
112.8640, 33.0980, -22.6827



85.1350, 1.9054, -4.5034



86.7080, 32.6820, -76.0429



14.7040, 5.5689, -12.8954

Inverse Universe

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



123.0150, 17.7406, 49.9758



145.5360, 27.8368, 78.4599



154.1360, -33.0980, 22.6827



83.4890, 1.7309, 4.8331



59.1990, 28.9889, 82.2635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 139.8660, 19.7861, -46.3635 looks on a white background.

Color Contrast Check

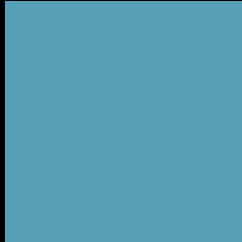
Large Text (above 18pt) WCAG AA × Fail

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 139.8660, 19.7861, -46.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

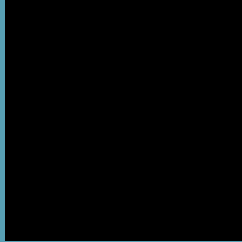
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.8660, 19.7861, -46.3635

Background



This preview shows how black text looks on a background with the YUV color 139.8660, 19.7861, -46.3635.



This preview shows how white text looks on a background with the YUV color 139.8660, 19.7861, -46.3635.

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

139.8660, 19.7861, -46.3635

Protanopia

148.9530, 11.3622, -4.3438

Deuteranopia

149.3320, 16.5983, -3.7992



Tritanopia

139.0570, 16.7339, -47.4080

Trichromacy



Original Color

139.8660, 19.7861, -46.3635

Protanomaly

145.3640, 14.6105, -19.6132

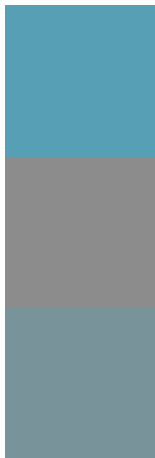
Deuteranomaly

145.8740, 17.8101, -19.1835

Tritanomaly

139.6980, 17.8969, -47.0931

Monochromacy



Original Color

139.8660, 19.7861, -46.3635

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1380, 7.3270, -16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.8660, 19.7861, -46.3635 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(87, 159, 180)` looks like.

```
.text, #text, p{  
    color:rgb(87, 159, 180)  
}
```

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(87, 159, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 159, 180) }
```

Border

The CSS property to change the border of an element to YUV 139.8660, 19.7861, -46.3635 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(87, 159, 180) }
```


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

```
.border{ border-color:rgb(87, 159, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 159, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 159, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 159, 180);  
box-shadow:4px 4px 4px 4px rgb(87, 159,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 139.8660, 19.7861, -46.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 159, 180) }
```

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

```
.background{ background-color: rgb(87, 159,  
180) }
```

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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