

Converting Colors

YUV(139.1640, 4.3561,
-43.9938)

Have a look what the booklet for
YUV(139.1640, 4.3561, -43.9938)
contains.

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Color

**YUV(139.1640, 4.3561,
-43.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	59A394
RGB	89, 163, 148
RGB Percent	35%, 64%, 58%
CMY	0.6510, 0.3608, 0.4196
CMYK	0.45, 0.00, 0.09, 0.36
HSL	168°, 29%, 49%
HSV	168°, 45%, 64%
XYZ	22.5623, 30.4564, 32.7065
YIQ	139.1640, -39.2890, -20.3530

Conversions

Conversions Part 2

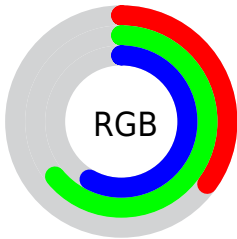
Format	Color
RYB	89, 130, 163
Decimal	5874580
CIELab	62.05, -26.82, 0.62
CIELCh	62, 26.824, 178.678
Yxy	30.4564, 0.2632, 0.3553
Android (android.graphics.Color)	4284064660 (0xFF59A394)
YUV	139.1640, 4.3561, -43.9938
Hunter-Lab	55.1873, -23.6013, 3.4932

Details

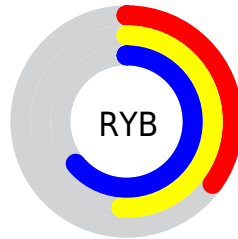
The YUV color **139.1640, 4.3561, -43.9938** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **112.8360, -4.3561, 43.9938**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7510, 4.0668, -44.5086**, and **86.0820, 5.3826, -46.5529** is the 20% darker color. If you saturate the color by 10%, you get **134.0380, 5.4043, -53.5303**, and if you desaturate by 10%, it is **144.2900, 3.3080, -34.4573**.

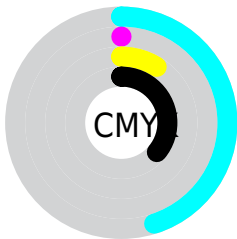
Distribution



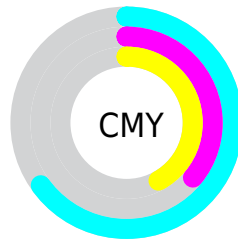
- Red (35%)
- Green (64%)
- Blue (58%)



- Red (35%)
- Yellow (51%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)



- Cyan (65%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.1640, 4.3561, -43.9938 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 139.1640, 4.3561, -43.9938 by changing the saturation by 10% instead.

■ 139.1640, 4.3561,
-43.9938

■ 139.1640, 4.3561,
-43.9938

■ 255.0000, 0.0000,
0.0000

■ 112.8650, 4.5036,
-44.6086

■ 193.7510, 4.0668,
-44.5086

■ 86.0820, 5.3826,
-46.5529

■ 222.3380, 3.7774,
-45.0234

■ 58.9180, 7.4354,
-51.6711

■ 238.2560, 8.2548,
-34.4275

■ 42.2080, 4.3345,
-37.0164

■ 246.9270, 3.9800,
-16.5990

■ 26.9000, 1.5283,
-23.5913

■ 8.9020, -1.4307,
-7.8071

■ 0.0000, 0.0000,

0.0000

■ 139.1640, 4.3561,
-43.9938

■ 139.1640, 4.3561,
-43.9938

■ 134.0380, 5.4043,
-53.5303

■ 144.2900, 3.3080,
-34.4573

■ 128.4990, 6.1630,
-63.5816

■ 149.8290, 2.5493,
-24.4060

■ 123.3730, 7.2111,
-73.1181

■ 154.9550, 1.5012,
-14.8695

■ 118.2470, 8.2592,
-82.6546

■ 160.0810, 0.4531,
-5.3330

■ 112.7080, 9.0180,
-92.7059

■ 165.6200, -0.3057,
4.7183

■ 110.5010, 9.6130,
-96.9094

■ 170.7460, -1.3538,
14.2548

■ 175.8720, -2.4019,
23.7913

■ 180.9980, -3.4500,
33.3278

■ 186.5370, -4.2087,
43.3791

Harmonies

Analogous

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



143.1420, -8.9440, -24.6805



139.1640, 4.3561, -43.9938



136.8280, 17.3398, -55.1002

Triad

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



139.1640, 4.3561, -43.9938



151.8640, 19.7870, 0.1193



150.6330, -20.0321, 31.8939

Complementary

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



139.1640, 4.3561, -43.9938



112.8360, -4.3561, 43.9938

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.



152.1530, -11.9074, 39.3308



139.1640, 4.3561, -43.9938



153.3030, 10.6966, 22.5363

Square

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



139.1640, 4.3561, -43.9938



146.9640, 24.6677, -25.4014



153.1170, -0.5507, 36.7314



148.7360, -23.0408, 16.8945

Rectangle

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



139.1640, 4.3561, -43.9938



138.6310, 22.8599, -52.2964



153.1170, -0.5507, 36.7314



151.5240, -18.0063, 35.4975

Sweetspot

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



139.1640, 4.3561, -43.9938



202.3460, 1.8014, -17.8434



137.2220, -23.7734, -28.2587



101.1620, 0.9061, -10.6661



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



139.1640, 4.3561, -43.9938



174.8790, 6.4687, -68.2999



128.5470, 16.9853, -34.6827



79.0810, 0.4531, -5.3330



98.3390, 8.7069, -86.2433



12.1620, 0.9061, -10.6661

Inverse Universe

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



112.8360, -4.3561, 43.9938



134.1210, -6.4687, 68.2999



123.4530, -16.9853, 34.6827



75.9190, -0.4531, 5.3330



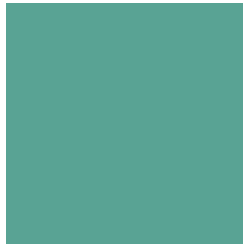
46.6610, -8.7069, 86.2433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 139.1640, 4.3561, -43.9938 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 139.1640, 4.3561, -43.9938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

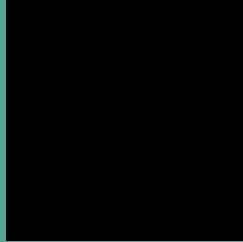
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.1640, 4.3561, -43.9938

Background



This preview shows how black text looks on a background with the YUV color 139.1640, 4.3561, -43.9938.

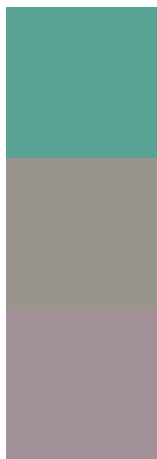


This preview shows how white text looks on a background with the YUV color 139.1640, 4.3561,

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

139.1640, 4.3561, -43.9938

Protanopia

149.4690, -4.6682, 3.9737

Deuteranopia

150.8810, 0.5517, 9.7514



Tritanopia

141.6450, 14.9650, -40.0307

Trichromacy



Original Color

139.1640, 4.3561, -43.9938

Protanomaly

145.5700, -1.2670, -13.6549

Deuteranomaly

146.8030, 2.0691, -10.3512

Tritanomaly

140.3090, 11.1867, -41.4900

Monochromacy



Original Color

139.1640, 4.3561, -43.9938

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2430, 1.3592, -15.9991

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1640, 4.3561, -43.9938 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(89, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(89, 163, 148)  
}
```

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(89, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 163, 148) }
```

Border

The CSS property to change the border of an element to YUV 139.1640, 4.3561, -43.9938 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(89, 163, 148) }
```


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

```
.border{ border-color:rgb(89, 163, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 163, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(89, 163,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 139.1640, 4.3561, -43.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 163, 148) }
```

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

```
.background{ background-color: rgb(89, 163,  
148) }
```

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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