

Converting Colors

YUV(39.6140, 5.6133, 19.6325)

Have a look what the booklet for
YUV(39.6140, 5.6133, 19.6325)
contains.

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Color

**YUV(39.6140, 5.6133,
19.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	3E1A33
RGB	62, 26, 51
RGB Percent	24%, 10%, 20%
CMY	0.7569, 0.8980, 0.8000
CMYK	0.00, 0.58, 0.18, 0.76
HSL	318°, 41%, 17%
HSV	318°, 58%, 24%
XYZ	2.9535, 2.0019, 3.3627
YIQ	39.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

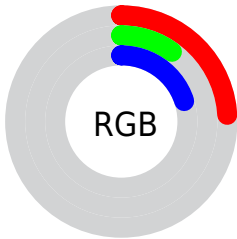
Format	Color
RYB	62, 26, 51
Decimal	4069939
CIELab	15.50, 21.43, -8.44
CIELCh	15, 23.033, 338.496
Yxy	2.0019, 0.3551, 0.2407
Android (android.graphics.Color)	4282260019 (0xFF3E1A33)
YUV	39.6140, 5.6133, 19.6325
Hunter-Lab	14.1490, 12.5004, -4.1868




Details

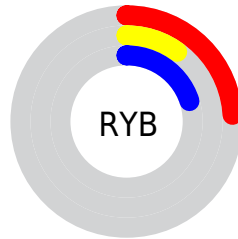
The YUV color **39.6140, 5.6133, 19.6325** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.3860, -5.6133, -19.6325**, and the grayscale version is **40.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **85.9240, 5.4605, 21.9917**, and **1.4240, 0.2840, 2.2592** is the 20% darker color. If you saturate the color by 10%, you get **35.8640, 6.4760, 22.9213**, and if you desaturate by 10%, it is **43.3640, 4.7505, 16.3438**.

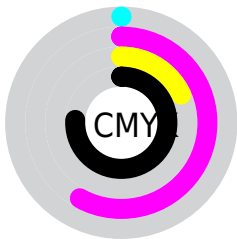
Distribution







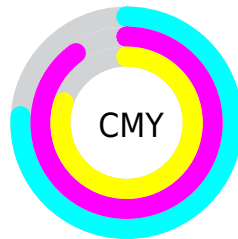
-  Red (24%)
-  Green (10%)
-  Blue (20%)






-  Red (24%)
-  Yellow (10%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (58%)
-  Yellow (18%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (90%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6140, 5.6133, 19.6325 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 39.6140, 5.6133, 19.6325 by changing the saturation by 10% instead.

■ 39.6140, 5.6133,
19.6325

■ 39.6140, 5.6133,
19.6325

255.0000, 0.0000,
0.0000

■ 17.1410, 6.3395,
20.0473

■ 85.9240, 5.4605,
21.9917

■ 1.4240, 0.2840,
2.2592

■ 110.6360, 5.6025,
23.1212

■ 0.0000, 0.0000,
0.0000

■ 136.0490, 5.8918,
23.6360

■ 162.7610, 6.0338,
24.7656

■ 190.0600, 5.8864,
25.3804

■ 217.4730, 6.1758,

25.8952

239.1510, 7.8136,
13.8996

39.6140, 5.6133,
19.6325

39.6140, 5.6133,
19.6325

35.8640, 6.4760,
22.9213

43.3640, 4.7505,
16.3438

32.1140, 7.3388,
26.2100

47.1140, 3.8878,
13.0550

27.7770, 8.4909,
30.0136

51.4510, 2.7357,
9.2515

24.0270, 9.3537,
33.3023

55.2010, 1.8729,
5.9627

23.4400, 9.6431,
33.8171

58.8370, 0.5734,
2.7740

■ 62.5870, -0.2894,
-0.5148

■ 66.3370, -1.1521,
-3.8035

■ 70.6740, -2.3043,
-7.6071

■ 74.4240, -3.1670,
-10.8958

Harmonies

Analogous

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



39.8340, 11.9138, 5.4076



39.6140, 5.6133, 19.6325



38.4100, -1.6811, 25.9504

Triad

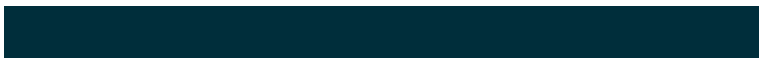
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.6140, 5.6133, 19.6325



36.0490, -17.7722, 6.9730



33.7280, 12.4591, -29.5795

Complementary

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



39.6140, 5.6133, 19.6325



48.3860, -5.6133, -19.6325

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.



32.4910, 5.1809, -28.4946



39.6140, 5.6133, 19.6325



34.1550, -11.9084, -7.1519

Square

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



39.6140, 5.6133, 19.6325



37.4570, -16.4943, 17.1392



29.9660, -1.9552, -26.2802



33.6940, 17.4059, -29.5496

Rectangle

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



39.6140, 5.6133, 19.6325



38.3300, -7.0647, 26.0206



29.9660, -1.9552, -26.2802



33.1580, 10.2751, -29.0796

Sweetspot

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



39.6140, 5.6133, 19.6325



73.2120, 1.8675, 7.7071



33.3930, 14.1033, 3.1633



35.9620, 1.0047, 4.4183



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



39.6140, 5.6133, 19.6325



45.9020, 8.9223, 31.6579



37.5620, -2.2491, 21.4321



29.1250, 0.4314, 1.6444



35.6300, 14.9724, 51.1905



83.9340, 34.5425, 121.0839

Inverse Universe

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



39.6140, 5.6133, 19.6325



45.9020, 8.9223, 31.6579



50.4380, 2.2491, -21.4321



29.1250, 0.4314, 1.6444



35.6300, 14.9724, 51.1905



83.9340, 34.5425, 121.0839

Previews

White Background



This preview shows how the YUV color 39.6140, 5.6133, 19.6325 looks on a white background.

Color Contrast Check

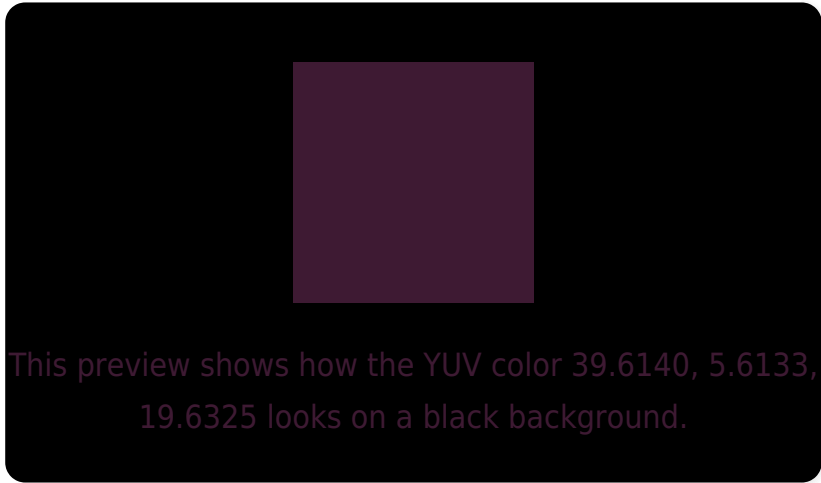
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

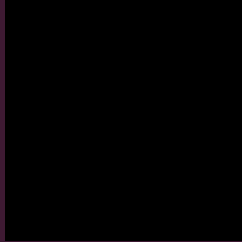
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6140, 5.6133, 19.6325

Background



This preview shows how black text looks on a background with the YUV color 39.6140, 5.6133, 19.6325.



This preview shows how white text looks on a background with the YUV color 39.6140, 5.6133,

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

39.6140, 5.6133, 19.6325

Protanopia

39.4150, 10.6414, -6.5030

Deuteranopia

40.1400, 4.3680, -0.9998



Tritanopia

39.3120, -3.1118, 18.1434

Trichromacy



Original Color

39.6140, 5.6133, 19.6325

Protanomaly

39.3130, 8.7197, 3.2335

Deuteranomaly

39.7110, 5.0725, 6.3925

Tritanomaly

39.8220, 0.0878, 18.5731

Monochromacy



Original Color

39.6140, 5.6133, 19.6325

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6140, 5.6133, 19.6325 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(62, 26, 51)` looks like.

```
.text, #text, p{  
    color:rgb(62, 26, 51)  
}
```

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(62, 26, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 26, 51) }
```

Border

The CSS property to change the border of an element to YUV 39.6140, 5.6133, 19.6325 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(62, 26, 51) }
```


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

```
.border{ border-color:rgb(62, 26, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 26, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 26, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 26, 51);  
box-shadow:4px 4px 4px 4px rgb(62, 26, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.6140, 5.6133, 19.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 26, 51) }
```

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

```
.background{ background-color: rgb(62, 26,  
51) }
```

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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