

Converting Colors

YUV(37.6140, 5.6133, 19.6325)

Have a look what the booklet for
YUV(37.6140, 5.6133, 19.6325)
contains.

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Color

**YUV(37.6140, 5.6133,
19.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	3C1831
RGB	60, 24, 49
RGB Percent	24%, 9%, 19%
CMY	0.7647, 0.9059, 0.8078
CMYK	0.00, 0.60, 0.18, 0.76
HSL	318°, 43%, 16%
HSV	318°, 60%, 24%
XYZ	2.7445, 1.8357, 3.1154
YIQ	37.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

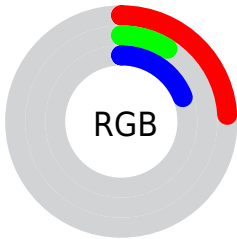
Format	Color
R_{YB}	60, 24, 49
Decimal	3938353
CIE _{Lab}	14.60, 21.50, -8.41
CIE _{LCh}	15, 23.085, 338.629
Yxy	1.8357, 0.3566, 0.2385
Android (android.graphics.Color)	4282128433 (0xFF3C1831)
YUV	37.6140, 5.6133, 19.6325
Hunter-Lab	13.5487, 12.4475, -4.1491

Details

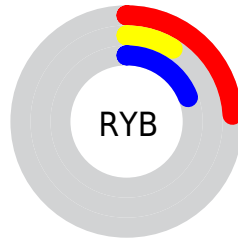
The YUV color **37.6140, 5.6133, 19.6325** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.3860, -5.6133, -19.6325**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9240, 5.4605, 21.9917**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.8640, 6.4760, 22.9213**, and if you desaturate by 10%, it is **41.3640, 4.7505, 16.3438**.

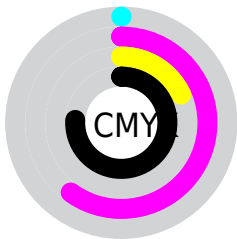
Distribution



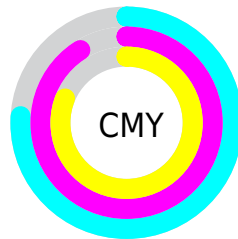
- Red (24%)
- Green (9%)
- Blue (19%)



- Red (24%)
- Yellow (9%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (18%)
- Black (76%)



- Cyan (76%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6140, 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 37.6140, 5.6133, 19.6325 by changing the saturation by 10% instead.

■ 37.6140, 5.6133,
19.6325

■ 37.6140, 5.6133,
19.6325

■ 255.0000, 0.0000,
0.0000

■ 14.5540, 6.6289,
20.5621

■ 83.9240, 5.4605,
21.9917

■ 0.0000, 0.0000,
0.0000

■ 108.3370, 5.7499,
22.5065

■ 134.0490, 5.8918,
23.6360


■ 160.3480, 5.7444,
24.2508


■ 187.0600, 5.8864,
25.3804


■ 215.4730, 6.1758,

25.8952


 237.9770, 8.3923,
14.9292


 37.6140, 5.6133,
19.6325


 37.6140, 5.6133,
19.6325


 33.8640, 6.4760,
22.9213

 41.3640, 4.7505,
16.3438


 30.1140, 7.3388,
26.2100

 45.1140, 3.8878,
13.0550

 26.4780, 8.6383,
29.3988

 48.8640, 3.0250,
9.7663

 22.7280, 9.5011,
32.6875

 52.5000, 1.7255,
6.5775

 56.2500, 0.8628,
3.2888

■ 60.0000, 0.0000,
0.0000

■ 63.7500, -0.8627,
-3.2887

■ 67.5000, -1.7255,
-6.5775

■ 71.1360, -3.0250,
-9.7663

Harmonies

Analogous

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



38.4210, 11.6244, 4.8928



37.6140, 5.6133, 19.6325



36.4100, -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.



37.6140, 5.6133, 19.6325



34.2770, -16.8986, 6.7731



32.3260, 12.1643, -28.3499

Complementary

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



37.6140, 5.6133, 19.6325



46.3860, -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.



31.0890, 4.8861, -27.2651



37.6140, 5.6133, 19.6325



32.6280, -12.6346, -7.5668

Square

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



37.6140, 5.6133, 19.6325



35.2290, -17.3679, 17.3392



28.5640, -2.2501, -25.0506



32.2920, 17.1110, -28.3201

Rectangle

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



37.6140, 5.6133, 19.6325



36.3300, -7.0647, 26.0206



28.5640, -2.2501, -25.0506



31.7560, 9.9803, -27.8500

Sweetspot

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



37.6140, 5.6133, 19.6325



70.3260, 2.3043, 7.6071



31.3930, 14.1033, 3.1633



35.3750, 1.2941, 4.9331



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.



37.6140, 5.6133, 19.6325



43.6030, 9.0697, 31.0432



35.5620, -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.



37.6140, 5.6133, 19.6325



43.6030, 9.0697, 31.0432



48.4380, 2.2491, -21.4321



29.1250, 0.4314, 1.6444



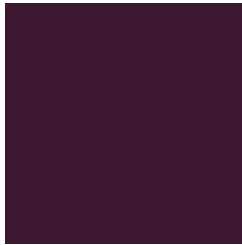
35.6300, 14.9724, 51.1905



83.9340, 34.5425, 121.0839

Previews

White Background



This preview shows how the YUV color 37.6140, 5.6133, 19.6325 looks on a white background.

Color Contrast Check

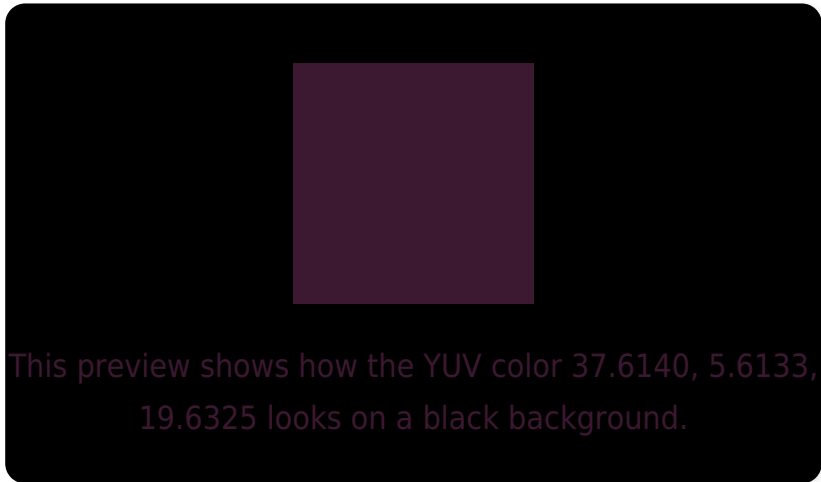
Large Text (above 18pt) WCAG AA ✓ Pass

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

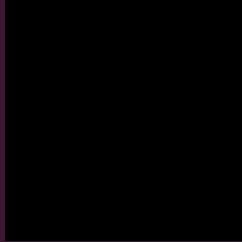
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6140, 5.6133, 19.6325

Background



This preview shows how black text looks on a background with the YUV color 37.6140, 5.6133, 19.6325.



This preview shows how white text looks on a background with the YUV color 37.6140, 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

37.6140, 5.6133, 19.6325

Protanopia

37.4150, 10.6414, -6.5030

Deuteranopia

38.1400, 4.3680, -0.9998



Tritanopia

37.8990, -3.4012, 17.6286

Trichromacy



Original Color

37.6140, 5.6133, 19.6325

Protanomaly

37.3130, 8.7197, 3.2335

Deuteranomaly

37.7110, 5.0725, 6.3925

Tritanomaly

37.8220, 0.0878, 18.5731

Monochromacy



Original Color

37.6140, 5.6133, 19.6325

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6140, 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(60, 24, 49)` looks like.

```
.text, #text, p{  
    color:rgb(60, 24, 49)  
}
```

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(60, 24, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 24, 49) }
```

Border

The CSS property to change the border of an element to YUV 37.6140, 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(60, 24, 49) }
```


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

```
.border{ border-color:rgb(60, 24, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 24, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 24, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 24, 49);  
box-shadow:4px 4px 4px 4px rgb(60, 24, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.6140, 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(60, 24, 49) }
```

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

```
.background{ background-color: rgb(60, 24,  
49) }
```

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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