

Converting Colors

YUV(38.0190, 14.7806, 19.2773)

Have a look what the booklet for
YUV(38.0190, 14.7806, 19.2773)
contains.

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Color

**YUV(38.0190, 14.7806,
19.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	3C1544
RGB	60, 21, 68
RGB Percent	24%, 8%, 27%
CMY	0.7647, 0.9176, 0.7333
CMYK	0.12, 0.69, 0.00, 0.73
HSL	290°, 53%, 17%
HSV	290°, 69%, 27%
XYZ	3.1750, 1.9143, 5.6710
YIQ	38.0190, 8.1570, 22.8850

Conversions

Conversions Part 2

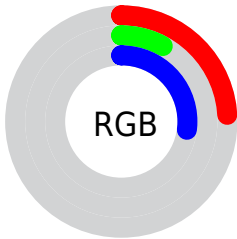
Format	Color
R_{YB}	60, 21, 68
Decimal	3937604
CIE Lab	15.03, 27.27, -21.19
CIE LCh	15, 34.538, 322.159
Yxy	1.9143, 0.2951, 0.1779
Android (android.graphics.Color)	4282127684 (0xFF3C1544)
YUV	38.0190, 14.7806, 19.2773
Hunter-Lab	13.8360, 16.7486, -14.6162

Details

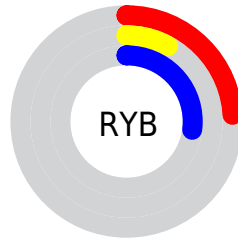
The YUV color **38.0190, 14.7806, 19.2773** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.9810, -14.7806, -19.2773**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.1440, 15.2120, 20.9217**, and **3.0350, 10.3357, -1.7847** is the 20% darker color. If you saturate the color by 10%, you get **33.6110, 16.9538, 22.2662**, and if you desaturate by 10%, it is **42.4270, 12.6075, 16.2885**.

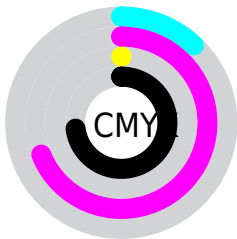
Distribution



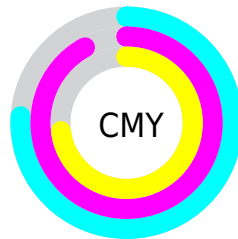
- Red (24%)
- Green (8%)
- Blue (27%)



- Red (24%)
- Yellow (8%)
- Blue (27%)



- Cyan (12%)
- Magenta (69%)
- Yellow (0%)
- Black (73%)



- Cyan (76%)
- Magenta (92%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.0190, 14.7806, 19.2773 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 38.0190, 14.7806, 19.2773 by changing the saturation by 10% instead.

■ 38.0190, 14.7806,
19.2773

■ 38.0190, 14.7806,
19.2773

■ 253.8260, 0.5788,
1.0296

■ 16.6060, 14.4912,
18.7625

■ 85.1440, 15.2120,
20.9217

■ 3.0350, 10.3357,
-1.7847

■ 109.9700, 15.7908,
21.9513

■ 0.0000, 0.0000,
0.0000


■ 135.7960, 16.3696,
22.9809


■ 162.2090, 16.6590,
23.4957


■ 189.0350, 17.2377,
24.5253


■ 217.4480, 17.5271,


25.0401


 236.8030, 8.9711,
15.9588


 38.0190, 14.7806,
19.2773


 38.0190, 14.7806,
19.2773

 33.6110, 16.9538,
22.2662


 42.4270, 12.6075,
16.2885


 29.2030, 19.1269,
25.2550


 46.8350, 10.4343,
13.2997

 25.3820, 21.0107,
27.7290

 50.6560, 8.5506,
10.8257

 24.4960, 21.4475,
27.6290

 55.3630, 6.2300,
8.4516

 59.7710, 4.0569,
5.4628

■ 64.1790, 1.8838,
2.4740

■ 68.5870, -0.2894,
-0.5148

■ 72.4080, -2.1731,
-2.9888

■ 76.8160, -4.3463,
-5.9776

Harmonies

Analogous

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



34.8020, 23.7616, -14.7354



38.0190, 14.7806, 19.2773



32.2620, 6.2798, 39.2352

Triad

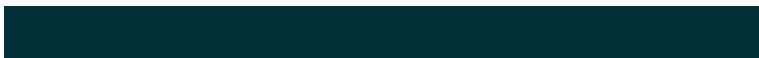
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.0190, 14.7806, 19.2773



35.8050, -17.6519, 15.0800



34.5600, 10.5699, -30.3091

Complementary

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



38.0190, 14.7806, 19.2773



50.9810, -14.7806, -19.2773

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.



31.5960, -0.7868, -27.7097



38.0190, 14.7806, 19.2773



33.9230, -16.7240, -2.5635

Square

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



38.0190, 14.7806, 19.2773



34.7300, -17.1219, 31.8088



27.0020, -13.3120, -23.6808



36.2530, 19.5953, -31.7939

Rectangle

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



38.0190, 14.7806, 19.2773



30.7480, -0.8618, 43.1940



27.0020, -13.3120, -23.6808



33.5340, 6.6387, -29.4093

Sweetspot

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



38.0190, 14.7806, 19.2773



77.5370, 5.6513, 7.4221



31.6410, 17.9250, -9.3322



38.3580, 3.7675, 4.9480



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



38.0190, 14.7806, 19.2773



41.9740, 23.1838, 30.7178



38.7010, 7.0494, 25.6952



31.2390, 0.8682, 1.5444



34.9780, 30.5768, 39.4843



81.1500, 70.4250, 91.9534

Inverse Universe

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



35.9650, -3.4337, 28.0947



38.6080, -5.2297, 44.1938



50.2990, -7.0494, -25.6952



30.8970, -0.4422, 1.8443



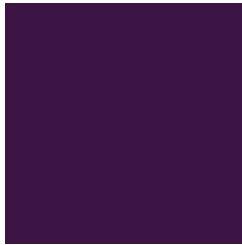
30.8270, -7.3097, 58.0337



71.3080, -16.4208, 133.9109

Previews

White Background



This preview shows how the YUV color 38.0190, 14.7806, 19.2773 looks on a white background.

Color Contrast Check

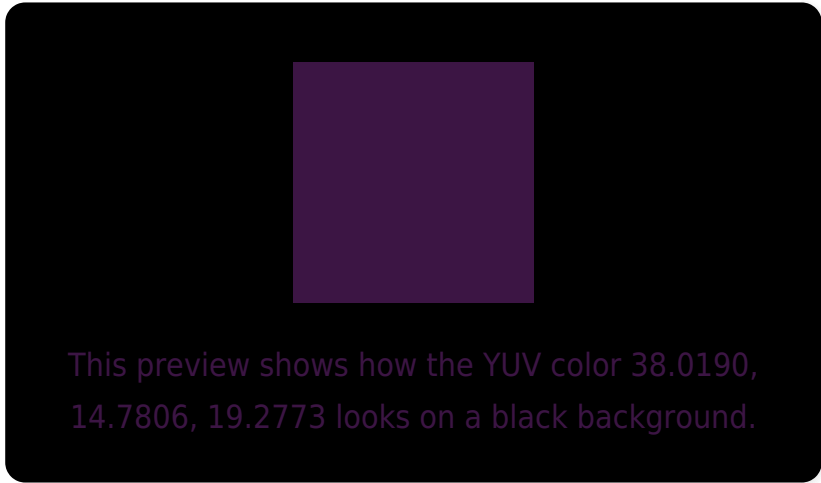
Large Text (above 18pt) WCAG AA ✓ Pass

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

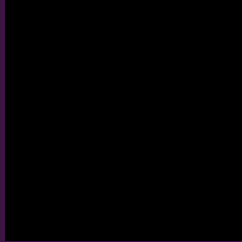
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.0190, 14.7806, 19.2773

Background



This preview shows how black text looks on a background with the YUV color 38.0190, 14.7806, 19.2773.



This preview shows how white text looks on a background with the YUV color 38.0190, 14.7806,

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

38.0190, 14.7806, 19.2773

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

36.8810, 13.8627, -13.0506



Tritanopia

39.4040, -2.6642, 14.5547

Trichromacy



Original Color

38.0190, 14.7806, 19.2773

Protanomaly

34.0260, 20.6932, -10.5468

Deuteranomaly

37.0720, 14.2615, -0.9401

Tritanomaly

38.7230, 3.5876, 16.0289

Monochromacy



Original Color

38.0190, 14.7806, 19.2773

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1240, 5.3619, 6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.0190, 14.7806, 19.2773 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, 21, 68)` looks like.

```
.text, #text, p{  
    color:rgb(60, 21, 68)  
}
```

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, 21, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 21, 68) }
```

Border

The CSS property to change the border of an element to YUV 38.0190, 14.7806, 19.2773 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, 21, 68) }
```


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

```
.border{ border-color:rgb(60, 21, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 21, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 21, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 21, 68);  
box-shadow:4px 4px 4px 4px rgb(60, 21, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.0190, 14.7806, 19.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 21, 68) }
```

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

```
.background{ background-color: rgb(60, 21,  
68) }
```

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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