

Converting Colors

YUV(36.1810, 19.1378, 21.7663)

Have a look what the booklet for
YUV(36.1810, 19.1378, 21.7663)
contains.

YUV(36.1810, 19.1378, 21.7663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(36.1810, 19.1378,
21.7663)**

Conversions

Conversions Part 1

Format	Color
Hex	3D104B
RGB	61, 16, 75
RGB Percent	24%, 6%, 29%
CMY	0.7608, 0.9373, 0.7059
CMYK	0.19, 0.79, 0.00, 0.71
HSL	286°, 65%, 18%
HSV	286°, 79%, 29%
XYZ	3.3798, 1.8707, 6.8396
YIQ	36.1810, 7.8810, 27.8890

Conversions

Conversions Part 2

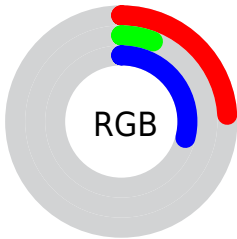
Format	Color
RYB	61, 16, 75
Decimal	4001867
CIELab	14.79, 31.69, -26.41
CIELCh	15, 41.252, 320.190
Yxy	1.8707, 0.2796, 0.1547
Android (android.graphics.Color)	4282191947 (0xFF3D104B)
YUV	36.1810, 19.1378, 21.7663
Hunter-Lab	13.6773, 20.1734, -20.0748




Details

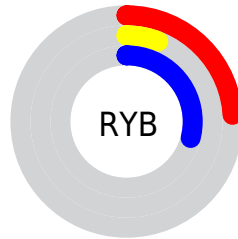
The YUV color **36.1810, 19.1378, 21.7663** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **54.8190, -19.1378, -21.7663**, and the grayscale version is **36.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.3060, 19.5691, 23.4106**, and **4.6160, 12.5143, -0.5402** is the 20% darker color. If you saturate the color by 10%, you get **31.4740, 21.4583, 24.1403**, and if you desaturate by 10%, it is **41.4750, 16.5278, 18.8774**.

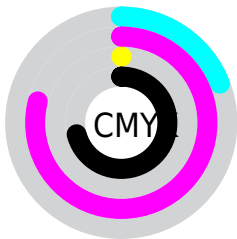
Distribution







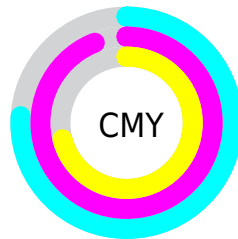
-  Red (24%)
-  Green (6%)
-  Blue (29%)






-  Red (24%)
-  Yellow (6%)
-  Blue (29%)



-  Cyan (19%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (76%)
-  Magenta (94%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1810, 19.1378, 21.7663 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 36.1810, 19.1378, 21.7663 by changing the saturation by 10% instead.

36.1810, 19.1378,
21.7663

36.1810, 19.1378,
21.7663

251.4780, 1.7363,
3.0888

17.2900, 17.1120,
18.1627

84.3060, 19.5691,
23.4106

4.6160, 12.5143,
-0.5402

109.1320, 20.1479,
24.4402

0.0000, 0.0000,
0.0000


134.9580, 20.7267,
25.4698


161.4850, 21.4529,
25.8847


189.1970, 21.5949,
27.0142


215.9260, 19.2635,


28.1289


 235.0420, 9.8393,
17.5032


 36.1810, 19.1378,
21.7663


 36.1810, 19.1378,
21.7663


 31.4740, 21.4583,
24.1403

 41.4750, 16.5278,
18.8774


 26.1800, 24.0683,
27.0291

 46.1820, 14.2073,
16.5034

 25.5930, 24.3577,
27.5439

 51.1770, 11.7447,
12.9998

 55.8840, 9.4242,
10.6257

 61.1780, 6.8142,
7.7369

■ 65.8850, 4.4937,
5.3629

■ 70.8800, 2.0312,
1.8592

■ 75.5870, -0.2894,
-0.5148

■ 80.8810, -2.8993,
-3.4036

Harmonies

Analogous

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



30.5600, 30.7829, -26.8011



36.1810, 19.1378, 21.7663



29.9900, 8.8789, 45.6128

Triad

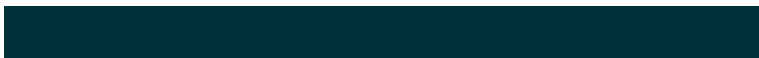
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.1810, 19.1378, 21.7663



35.8160, -17.6573, 16.8244



35.2610, 10.7173, -30.9239

Complementary

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



36.1810, 19.1378, 21.7663



54.8190, -19.1378, -21.7663

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.



31.7270, -2.8234, -27.8246



36.1810, 19.1378, 21.7663



33.3250, -16.4292, -3.7930

Square

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



36.1810, 19.1378, 21.7663



32.4040, -15.9752, 37.3567



27.0020, -13.3120, -23.6808



37.5240, 21.9267, -32.9085

Rectangle

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



36.1810, 19.1378, 21.7663



29.0200, -0.0099, 49.9715



27.0020, -13.3120, -23.6808



34.1210, 6.3493, -29.9241

Sweetspot

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



36.1810, 19.1378, 21.7663



81.7050, 7.5404, 8.1517



31.5310, 21.4302, -13.6207



38.8850, 4.4937, 5.3629



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



36.1810, 19.1378, 21.7663



37.0050, 29.5775, 33.3216



38.6570, 10.5221, 31.8728



35.3530, 1.3050, 1.4444



34.9500, 33.0556, 37.7548



78.5450, 74.6673, 84.5910

Inverse Universe

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



35.2370, -2.5818, 34.8722



35.6030, -4.2413, 53.8452



52.3430, -10.5221, -31.8728



35.3100, -0.1528, 2.3591



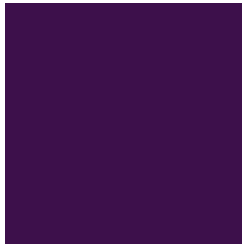
33.2340, -4.5524, 60.3078



74.9260, -10.3165, 135.9999

Previews

White Background



This preview shows how the YUV color 36.1810, 19.1378, 21.7663 looks on a white background.

Color Contrast Check

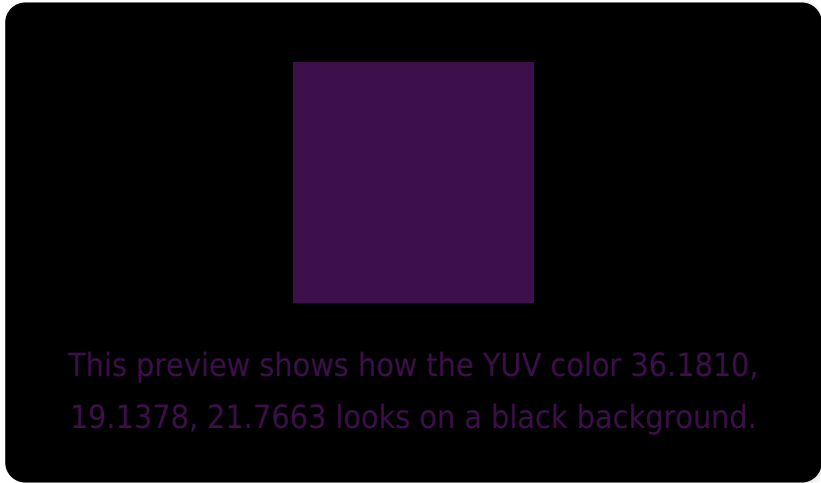
Large Text (above 18pt) WCAG AA ✓ Pass

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

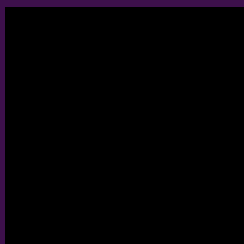
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.1810, 19.1378, 21.7663

Background



This preview shows how black text looks on a background with the YUV color 36.1810, 19.1378, 21.7663.



This preview shows how white text looks on a background with the YUV color 36.1810, 19.1378,

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

36.1810, 19.1378, 21.7663

Protanopia

31.3120, 23.5102, -27.4606

Deuteranopia

31.4600, 19.0002, -27.5904



Tritanopia

39.2190, -2.0800, 13.8399

Trichromacy



Original Color

36.1810, 19.1378, 21.7663

Protanomaly

33.0800, 22.1456, -9.7172

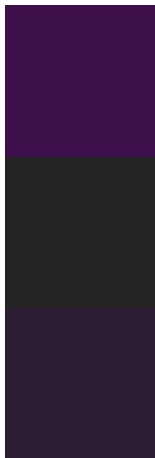
Deuteranomaly

32.9830, 19.2354, -9.6321

Tritanomaly

38.0050, 5.9135, 16.6586

Monochromacy



Original Color

36.1810, 19.1378, 21.7663

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1780, 6.8142, 7.7369

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1810, 19.1378, 21.7663 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(61, 16, 75)` looks like.

```
.text, #text, p{  
    color:rgb(61, 16, 75)  
}
```

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(61, 16, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 16, 75) }
```

Border

The CSS property to change the border of an element to YUV 36.1810, 19.1378, 21.7663 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(61, 16, 75) }
```


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

```
.border{ border-color:rgb(61, 16, 75) }
```

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

Here you see how a box with a 4 pixel rgb(61, 16, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 16, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 16, 75);  
box-shadow:4px 4px 4px 4px rgb(61, 16, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.1810, 19.1378, 21.7663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 16, 75) }
```

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

```
.background{ background-color: rgb(61, 16,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor