

Converting Colors

YUV(42.1060, 19.1747,
-36.9270)

Have a look what the booklet for
YUV(42.1060, 19.1747, -36.9270)
contains.

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Color

**YUV(42.1060, 19.1747,
-36.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	003851
RGB	0, 56, 81
RGB Percent	0%, 22%, 32%
CMY	1.0000, 0.7804, 0.6824
CMYK	1.00, 0.31, 0.00, 0.68
HSL	199°, 100%, 16%
HSV	199°, 100%, 32%
XYZ	2.8994, 3.4224, 8.2924
YIQ	42.1060, -41.4010, -4.0970

Conversions

Conversions Part 2

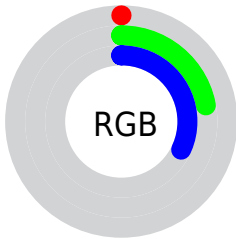
Format	Color
R_{YB}	0, 33, 81
Decimal	14417
CIE _{Lab}	21.66, -6.11, -19.84
CIE _{LCh}	22, 20.760, 252.889
Y _{xy}	3.4224, 0.1984, 0.2342
Android (android.graphics.Color)	4278204497 (0xFF003851)
YUV	42.1060, 19.1747, -36.9270
Hunter-Lab	18.4998, -4.3993, -13.6263

Details

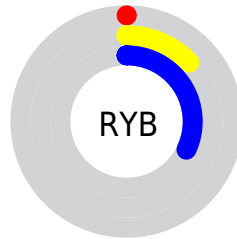
The YUV color **42.1060, 19.1747, -36.9270** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38.8940, -19.1747, 36.9270**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5200, 17.9846, -28.5200**, and **11.7350, 11.9626, -10.2916** is the 20% darker color. If you saturate the color by 10%, you get **42.1060, 19.1747, -36.9270**, and if you desaturate by 10%, it is **45.6720, 17.4167, -33.0383**.

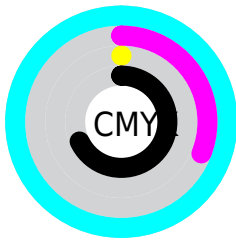
Distribution



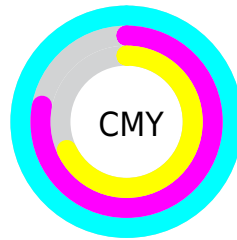
- Red (0%)
- Green (22%)
- Blue (32%)



- Red (0%)
- Yellow (13%)
- Blue (32%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1060, 19.1747, -36.9270 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 42.1060, 19.1747, -36.9270 by changing the saturation by 10% instead.

■ 42.1060, 19.1747,
-36.9270

■ 42.1060, 19.1747,
-36.9270

■ 254.4020, 0.2948,
-1.2296

■ 27.1570, 15.2056,
-23.8167

■ 93.5200, 17.9846,
-28.5200

■ 11.7350, 11.9626,
-10.2916

■ 119.0470, 18.7108,
-28.1052

■ 2.0690, 5.3890,
-1.8145

■ 145.4600, 19.0002,
-27.5904

■ 0.0000, 0.0000,
0.0000

■ 172.1610, 19.1476,
-28.2052

■ 199.6880, 19.8738,
-27.7904

■ 226.2060, 14.1954,

-26.4907

■ 245.7310, 4.5696,
-19.0581

■ 42.1060, 19.1747,
-36.9270

■ 45.6720, 17.4167,
-33.0383

■ 49.8250, 15.3693,
-29.6645

■ 53.3910, 13.6112,
-25.7759

■ 57.5440, 11.5638,
-22.4021

■ 61.4090, 9.6584,
-17.8987

■ 65.5620, 7.6109,
-14.5249

■ 69.1280, 5.8529,
-10.6363

■ 73.2810, 3.8055,
-7.2624

■ 76.8470, 2.0474,
-3.3738

Harmonies

Analogous

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



42.8410, 14.3754, -37.5716



42.1060, 19.1747, -36.9270



50.9460, 15.3096, -10.4766

Triad

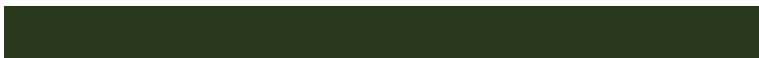
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.1060, 19.1747, -36.9270



52.3560, -3.1335, 25.1208



48.1270, -9.4296, -8.8814

Complementary

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



42.1060, 19.1747, -36.9270



38.8940, -19.1747, 36.9270

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.



49.9500, -14.2723, 4.4289



42.1060, 19.1747, -36.9270



52.2110, -9.9640, 22.6170

Square

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



42.1060, 19.1747, -36.9270



53.1580, 3.8661, 20.0324



51.3150, -14.4523, 15.5097



43.9060, -0.9397, -25.3506

Rectangle

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



42.1060, 19.1747, -36.9270



52.9260, 12.3615, 1.8189



51.3150, -14.4523, 15.5097



48.8780, -11.7719, -4.2780

Sweetspot

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



42.1060, 19.1747, -36.9270



89.5620, 7.6109, -14.5249



50.2830, -12.9575, -44.0982



44.4980, 4.6845, -9.2067



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



42.1060, 19.1747, -36.9270



54.2340, 25.0276, -47.5632



18.6260, 30.7504, -16.3350



39.2170, 0.8790, -1.9443



120.3680, 55.0346, -105.5627

Inverse Universe

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



30.6030, 12.5207, 44.1982



39.6030, 15.9717, 57.3532



62.3740, -30.7504, 16.3350



38.5380, 0.7208, 2.1592



87.6080, 35.6893, 126.6318

Previews

White Background



This preview shows how the YUV color 42.1060, 19.1747, -36.9270 looks on a white background.

Color Contrast Check

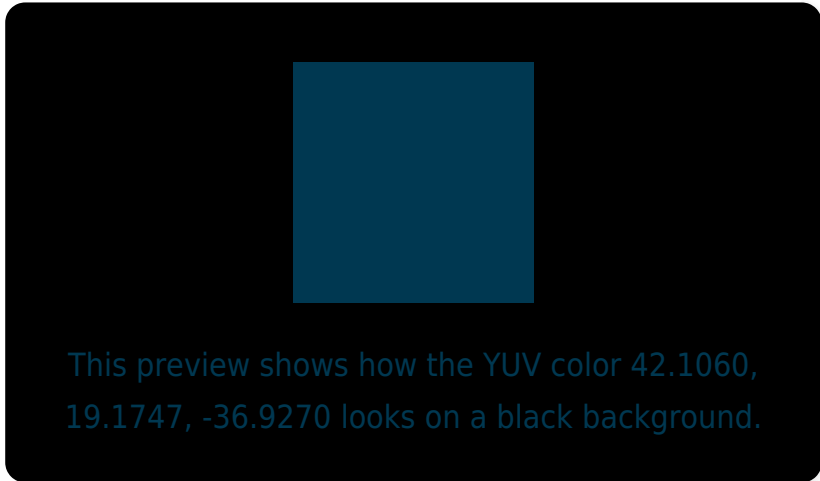
Large Text (above 18pt) WCAG AA ✓ Pass

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

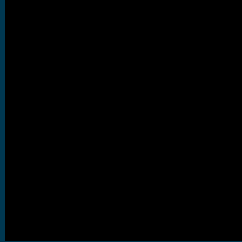
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1060, 19.1747, -36.9270

Background



This preview shows how black text looks on a background with the YUV color 42.1060, 19.1747, -36.9270.



This preview shows how white text looks on a background with the YUV color 42.1060, 19.1747,

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



Protanopia

52.4580, 12.0992, -7.4177

Deuteranopia

50.9350, 15.3150, -12.2210

Tritanopia

41.2280, 10.7336, -36.1570

Trichromacy



Protanomaly

48.3750, 14.6051, -17.8689

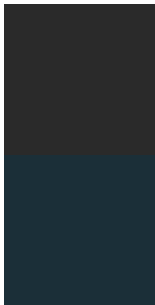
Deuteranomaly

47.6350, 16.9419, -20.7279

Tritanomaly

41.4390, 14.0806, -36.3420

Monochromacy



Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0460, 6.8793, -13.1953

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1060, 19.1747, -36.9270 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(0, 56, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 81)  
}
```

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(0, 56, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 81) }
```

Border

The CSS property to change the border of an element to YUV 42.1060, 19.1747, -36.9270 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(0, 56, 81) }
```

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

```
.border{ border-color:rgb(0, 56, 81) }
```

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

Here you see how a box with a 4 pixel rgb(0, 56, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 81); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 81); box-shadow:4px  
4px 4px 4px rgb(0, 56, 81) }
```

Background

The CSS property to change the background color of an element to YUV 42.1060, 19.1747, -36.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 81) }
```

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

```
.background{ background-color: rgb(0, 56,  
81) }
```

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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