

Converting Colors

YUV(27.6840, 19.3828,
-10.2469)

Have a look what the booklet for
YUV(27.6840, 19.3828, -10.2469)
contains.

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Color

**YUV(27.6840, 19.3828,
-10.2469)**

Conversions

Conversions Part 1

Format	Color
Hex	101A43
RGB	16, 26, 67
RGB Percent	6%, 10%, 26%
CMY	0.9373, 0.8980, 0.7373
CMYK	0.76, 0.61, 0.00, 0.74
HSL	228°, 61%, 16%
HSV	228°, 76%, 26%
XYZ	1.5962, 1.2542, 5.4681
YIQ	27.6840, -19.1210, 10.6310

Conversions

Conversions Part 2

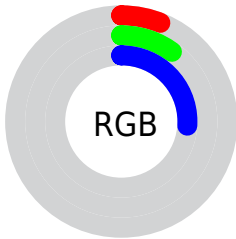
Format	Color
R_YB	16, 24, 67
Decimal	1055299
CIE _{Lab}	10.95, 11.87, -27.32
CIE _{LCh}	11, 29.789, 293.488
Yxy	1.2542, 0.1919, 0.1508
Android (android.graphics.Color)	4279245379 (0xFF101A43)
YUV	27.6840, 19.3828, -10.2469
Hunter-Lab	11.1991, 5.8431, -21.1100

Details

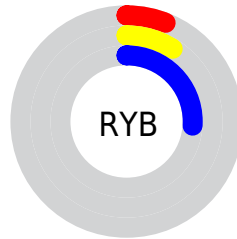
The YUV color **27.6840, 19.3828, -10.2469** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **55.3160, -19.3828, 10.2469**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.4610, 20.9717, -6.5433**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **22.6560, 21.8616, -11.9763**, and if you desaturate by 10%, it is **32.7120, 16.9040, -8.5174**.

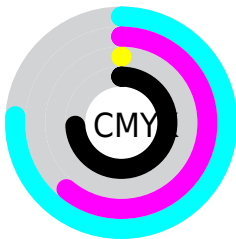
Distribution



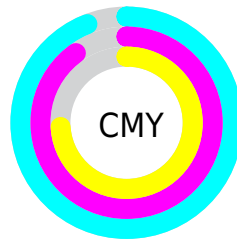
- Red (6%)
- Green (10%)
- Blue (26%)



- Red (6%)
- Yellow (9%)
- Blue (26%)



- Cyan (76%)
- Magenta (61%)
- Yellow (0%)
- Black (74%)



- Cyan (94%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6840, 19.3828, -10.2469 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 27.6840, 19.3828, -10.2469 by changing the saturation by 10% instead.

■ 27.6840, 19.3828,
-10.2469

■ 27.6840, 19.3828,
-10.2469

■ 253.5270, 0.7262,
0.4148

■ 5.1300, 19.6559,
-4.4990

■ 73.4610, 20.9717,
-6.5433

■ 3.2090, 9.7570,
-2.8143

■ 97.2870, 21.5505,
-5.5137

■ 0.0000, 0.0000,
0.0000

■ 122.5150, 22.4241,
-5.7137

■ 148.0420, 23.1503,
-5.2988

■ 175.1560, 23.5871,
-5.3988

■ 202.6830, 24.3133,

-4.9840

■ 227.8330, 13.3933,
-2.4845

■ 27.6840, 19.3828,
-10.2469

■ 27.6840, 19.3828,
-10.2469

■ 22.6560, 21.8616,
-11.9763

■ 32.7120, 16.9040,
-8.5174

■ 17.3400, 24.4824,
-12.5762

■ 38.0280, 14.2832,
-7.9176

■ 15.2690, 25.5034,
-13.3909

■ 43.0560, 11.8044,
-6.1881

■ 48.6710, 9.0362,
-4.9735

■ 53.6990, 6.5574,
-3.2440

■ 58.4280, 4.2260,
-2.1294

■ 64.0430, 1.4578,
-0.9147

■ 69.0710, -1.0210,
0.8147

■ 73.8000, -3.3524,
1.9294

Harmonies

Analogous

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



27.3510, 21.0260, -23.9868



27.6840, 19.3828, -10.2469



29.6120, 12.0233, 17.0033

Triad

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



27.6840, 19.3828, -10.2469



27.3100, -13.4638, 25.1611



25.0420, -0.5137, -21.9618

Complementary

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



27.6840, 19.3828, -10.2469



55.3160, -19.3828, 10.2469

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.



21.1320, -10.4181, -18.5328



27.6840, 19.3828, -10.2469



28.4070, -14.0047, 11.9211

Square

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



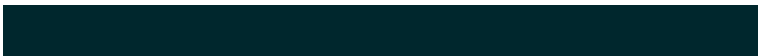
27.6840, 19.3828, -10.2469



24.1400, -5.4920, 34.9572



26.2480, -12.9403, -2.8485



28.0230, 8.3697, -24.5762

Rectangle

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



27.6840, 19.3828, -10.2469



26.4240, 7.1860, 28.5692



26.2480, -12.9403, -2.8485



24.2440, -3.5713, -21.2620

Sweetspot

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



27.6840, 19.3828, -10.2469



71.6280, 7.5784, -4.0588



50.6110, 3.1498, -30.3538



34.1290, 4.3734, -2.7441



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



27.6840, 19.3828, -10.2469



25.8110, 30.1662, -15.6202



26.2990, 20.0656, 4.1228



30.3420, 1.3104, -0.2999



22.2110, 36.8710, -19.4790



51.3640, 85.1095, -45.0462

Inverse Universe

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



32.3890, -3.1498, 30.3538



33.3310, -5.0932, 47.0677



56.7010, -20.0656, -4.1228



30.8970, -0.4422, 1.8443



31.1690, -5.9993, 57.7338



71.9920, -13.8001, 133.3110

Previews

White Background



This preview shows how the YUV color 27.6840, 19.3828, -10.2469 looks on a white background.

Color Contrast Check

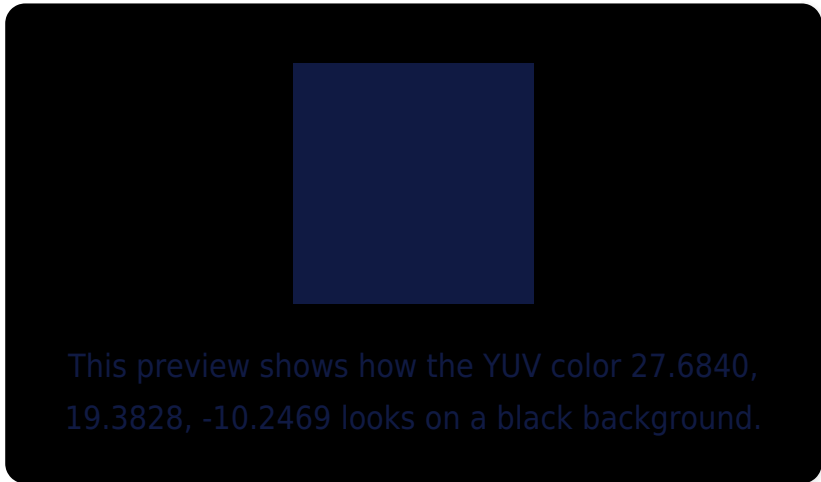
Large Text (above 18pt) WCAG AA ✓ Pass

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

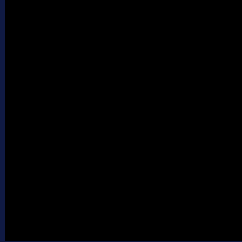
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6840, 19.3828, -10.2469

Background



This preview shows how black text looks on a background with the YUV color 27.6840, 19.3828, -10.2469.



This preview shows how white text looks on a background with the YUV color 27.6840, 19.3828,

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

27.6840, 19.3828, -10.2469

Protanopia

23.9770, 18.2523, -21.0278

Deuteranopia

24.1250, 13.7424, -21.1576



Tritanopia

23.3610, 5.7380, -20.4876

Trichromacy



Original Color

27.6840, 19.3828, -10.2469

Protanomaly

25.4120, 18.5309, -17.0243

Deuteranomaly

25.3150, 15.6207, -16.9393

Tritanomaly

24.7620, 10.9633, -16.4543

Monochromacy



Original Color

27.6840, 19.3828, -10.2469

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.8130, 6.9942, -3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6840, 19.3828, -10.2469 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(16, 26, 67)` looks like.

```
.text, #text, p{  
    color:rgb(16, 26, 67)  
}
```

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(16, 26, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 26, 67) }
```

Border

The CSS property to change the border of an element to YUV 27.6840, 19.3828, -10.2469 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(16, 26, 67) }
```


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

```
.border{ border-color:rgb(16, 26, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 26, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 26, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 26, 67);  
box-shadow:4px 4px 4px 4px rgb(16, 26, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.6840, 19.3828, -10.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 26, 67) }
```

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

```
.background{ background-color: rgb(16, 26,  
67) }
```

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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