

Converting Colors

YUV(27.5070, 27.8510,
-19.7386)

Have a look what the booklet for
YUV(27.5070, 27.8510, -19.7386)
contains.

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Color

**YUV(27.5070, 27.8510,
-19.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	051C54
RGB	5, 28, 84
RGB Percent	2%, 11%, 33%
CMY	0.9804, 0.8902, 0.6706
CMYK	0.94, 0.67, 0.00, 0.67
HSL	223°, 89%, 17%
HSV	223°, 94%, 33%
XYZ	2.0781, 1.5029, 8.5681
YIQ	27.5070, -31.6840, 12.5400

Conversions

Conversions Part 2

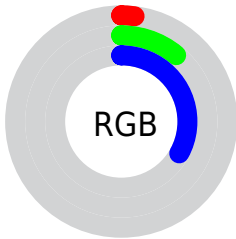
Format	Color
R_{YB}	5, 23, 84
Decimal	334932
CIE _{Lab}	12.63, 16.42, -36.35
CIE _{LCh}	13, 39.887, 294.314
Yxy	1.5029, 0.1710, 0.1237
Android (android.graphics.Color)	4278525012 (0xFF051C54)
YUV	27.5070, 27.8510, -19.7386
Hunter-Lab	12.2591, 8.8044, -32.8571

Details

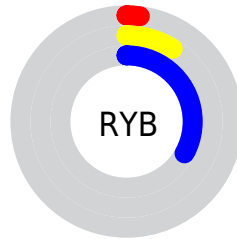
The YUV color **27.5070, 27.8510, -19.7386** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **61.4930, -27.8510, 19.7386**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.3880, 28.4027, -9.9873**, and **6.0930, 15.7302, -5.3436** is the 20% darker color. If you saturate the color by 10%, you get **23.6640, 29.7456, -20.7533**, and if you desaturate by 10%, it is **33.4210, 24.9354, -17.9092**.

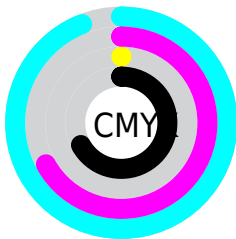
Distribution



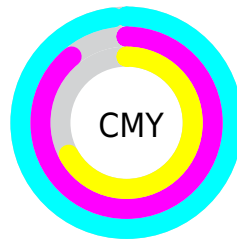
- Red (2%)
- Green (11%)
- Blue (33%)



- Red (2%)
- Yellow (9%)
- Blue (33%)



- Cyan (94%)
- Magenta (67%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (89%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.5070, 27.8510, -19.7386 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 27.5070, 27.8510, -19.7386 by changing the saturation by 10% instead.

■ 27.5070, 27.8510,
-19.7386

■ 27.5070, 27.8510,
-19.7386

■ 255.0000, 0.0000,
0.0000

■ 8.1280, 26.0659,
-7.1283

■ 76.3880, 28.4027,
-9.9873

■ 6.0930, 15.7302,
-5.3436

■ 101.3280, 29.4183,
-9.0577

■ 2.2970, 6.2626,
-2.0145

■ 126.5670, 30.2865,
-7.5133

■ 0.0000, 0.0000,
0.0000

■ 153.0940, 31.0127,
-7.0984

■ 179.7350, 32.1756,
-6.7836

■ 205.6830, 24.3133,

-4.9840

■ 230.7900, 11.9355,
-1.5698

■ 27.5070, 27.8510,
-19.7386

■ 27.5070, 27.8510,
-19.7386

■ 23.6640, 29.7456,
-20.7533

■ 33.4210, 24.9354,
-17.9092

■ 39.6340, 21.8724,
-15.4650

■ 45.5480, 18.9568,
-13.6356

■ 51.7610, 15.8938,
-11.1914

■ 57.6750, 12.9782,
-9.3620

■ 63.5890, 10.0626,
-7.5326

■ 69.8020, 6.9996,
-5.0884

■ 75.7160, 4.0840,
-3.2589

■ 81.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



32.4520, 27.8782, -28.4604



27.5070, 27.8510, -19.7386



29.7470, 17.3797, 25.6549

Triad

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



27.5070, 27.8510, -19.7386



28.5390, -14.0697, 32.8533



28.7920, -1.3765, -25.2506

Complementary

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



27.5070, 27.8510, -19.7386



61.4930, -27.8510, 19.7386

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.



24.6540, -12.1544, -21.6216



27.5070, 27.8510, -19.7386



31.3640, -15.4625, 12.8358

Square

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



27.5070, 27.8510, -19.7386



24.3480, -7.5666, 47.0528



28.2860, -13.9450, -7.2668



32.0980, 11.2907, -28.1499

Rectangle

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



27.5070, 27.8510, -19.7386



27.2990, 10.2056, 40.0798



28.2860, -13.9450, -7.2668



27.6520, -5.7444, -24.2508

Sweetspot

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



27.5070, 27.8510, -19.7386



87.8170, 10.9362, -7.7325



57.6430, 1.1620, -46.1679



42.6880, 6.5628, -4.9884



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



27.5070, 27.8510, -19.7386



31.3240, 38.7873, -27.4711



18.7900, 32.1485, 1.9382



38.0430, 1.4578, -0.9147



29.5800, 37.1821, -25.9417



66.3640, 81.6585, -58.2012

Inverse Universe

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



31.2430, -1.5988, 46.2679



36.5380, -2.2372, 64.4262



70.2100, -32.1485, -1.9382



38.3100, -0.1528, 2.3591



34.8150, -2.3738, 61.5522



77.1200, -4.4962, 135.8298

Previews

White Background



This preview shows how the YUV color 27.5070, 27.8510, -19.7386 looks on a white background.

Color Contrast Check

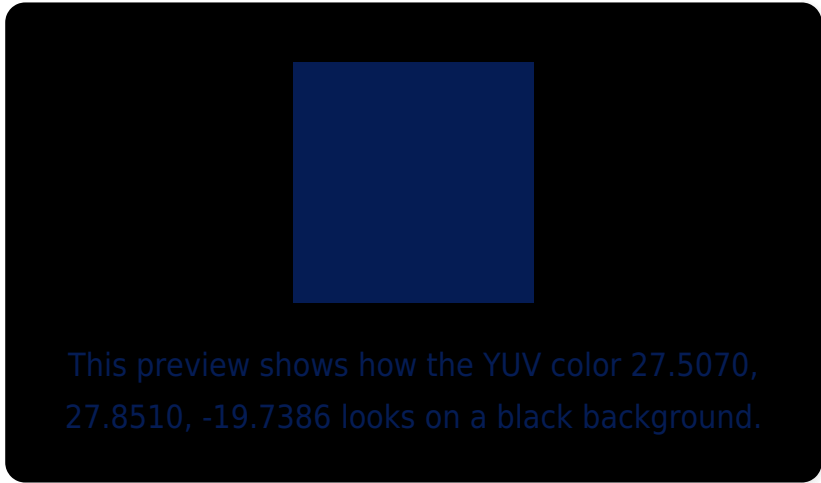
Large Text (above 18pt) WCAG AA ✓ Pass

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

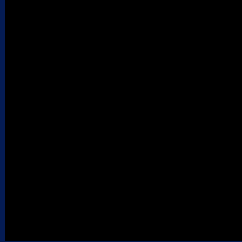
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.5070, 27.8510, -19.7386

Background



This preview shows how black text looks on a background with the YUV color 27.5070, 27.8510, -19.7386.



This preview shows how white text looks on a background with the YUV color 27.5070, 27.8510,

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

27.5070, 27.8510, -19.7386

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167



Tritanopia

26.8660, 6.4751, -23.5615

Trichromacy



Original Color

27.5070, 27.8510, -19.7386

Protanomaly

27.2310, 23.0571, -22.1276

Deuteranomaly

27.1340, 20.1469, -22.0425

Tritanomaly

26.9400, 14.3266, -21.8724

Monochromacy



Original Color

27.5070, 27.8510, -19.7386

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.5070, 27.8510, -19.7386 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(5, 28, 84)` looks like.

```
.text, #text, p{  
    color:rgb(5, 28, 84)  
}
```

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(5, 28, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 28, 84) }
```

Border

The CSS property to change the border of an element to YUV 27.5070, 27.8510, -19.7386 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(5, 28, 84) }
```


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

```
.border{ border-color:rgb(5, 28, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 28, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 28, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 28, 84); box-shadow:4px  
4px 4px 4px rgb(5, 28, 84) }
```

Background

The CSS property to change the background color of an element to YUV 27.5070, 27.8510, -19.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 28, 84) }
```

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

```
.background{ background-color: rgb(5, 28,  
84) }
```

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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