

Converting Colors

YUV(28.5150, 18.9731,
-18.8687)

Have a look what the booklet for
YUV(28.5150, 18.9731, -18.8687)
contains.

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Color

**YUV(28.5150, 18.9731,
-18.8687)**

Conversions

Conversions Part 1

Format	Color
Hex	072043
RGB	7, 32, 67
RGB Percent	3%, 13%, 26%
CMY	0.9725, 0.8745, 0.7373
CMYK	0.90, 0.52, 0.00, 0.74
HSL	215°, 81%, 15%
HSV	215°, 90%, 26%
XYZ	1.6173, 1.4834, 5.5113
YIQ	28.5150, -26.1350, 5.5850

Conversions

Conversions Part 2

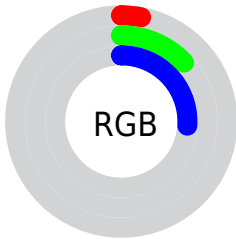
Format	Color
R_{YB}	7, 25, 67
Decimal	467011
CIE _{Lab}	12.50, 5.75, -24.84
CIE _{LCh}	13, 25.496, 283.028
Yxy	1.4834, 0.1878, 0.1723
Android (android.graphics.Color)	4278657091 (0xFF072043)
YUV	28.5150, 18.9731, -18.8687
Hunter-Lab	12.1797, 2.3874, -18.3029

Details

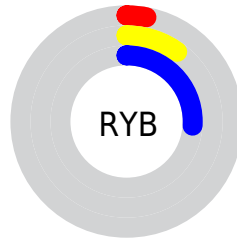
The YUV color **28.5150, 18.9731, -18.8687** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **45.4850, -18.9731, 18.8687**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.0750, 19.6830, -13.2208**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **24.0740, 21.1625, -21.1129**, and if you desaturate by 10%, it is **32.9560, 16.7837, -16.6244**.

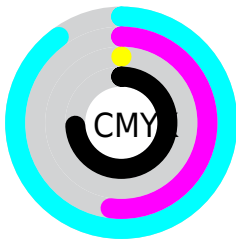
Distribution



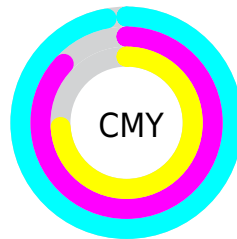
- Red (3%)
- Green (13%)
- Blue (26%)



- Red (3%)
- Yellow (10%)
- Blue (26%)



- Cyan (90%)
- Magenta (52%)
- Yellow (0%)
- Black (74%)



- Cyan (97%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.5150, 18.9731, -18.8687 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 28.5150, 18.9731, -18.8687 by changing the saturation by 10% instead.

■ 28.5150, 18.9731,
-18.8687

■ 28.5150, 18.9731,
-18.8687

■ 252.9070, 1.0318,
-4.3034

■ 9.8260, 17.3408,
-8.6174

■ 75.0750, 19.6830,
-13.2208

■ 3.2090, 9.7570,
-2.8143

■ 99.6020, 20.4092,
-12.8060

■ 0.0000, 0.0000,
0.0000

■ 124.8300, 21.2828,
-13.0059

■ 151.2430, 21.5722,
-12.4911

■ 177.7700, 22.2984,
-12.0763

■ 205.5850, 22.8826,

-12.7910

■ 230.7350, 11.9626,
-10.2916

■ 28.5150, 18.9731,
-18.8687

■ 28.5150, 18.9731,
-18.8687

■ 24.0740, 21.1625,
-21.1129

■ 32.9560, 16.7837,
-16.6244

■ 37.0980, 14.7417,
-14.9949

■ 41.5390, 12.5523,
-12.7507

■ 45.9800, 10.3629,
-10.5065

■ 50.4210, 8.1734,
-8.2622

■ 53.9760, 6.4208,
-6.1180

■ 58.4170, 4.2314,
-3.8737

■ 62.8580, 2.0420,
-1.6295

■ 67.0000, 0.0000,
0.0000

Harmonies

Analogous

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



29.2430, 18.1212, -25.6461



28.5150, 18.9731, -18.8687



33.5570, 12.0504, 8.2815

Triad

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



28.5150, 18.9731, -18.8687



30.1360, -12.8850, 26.1907



25.9880, -1.9661, -22.7915

Complementary

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



28.5150, 18.9731, -18.8687



45.4850, -18.9731, 18.8687

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.



27.0900, -13.3554, -9.7259



28.5150, 18.9731, -18.8687



31.3860, -15.4733, 16.3245

Square

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



28.5150, 18.9731, -18.8687



30.3180, -2.1288, 29.5391



30.4230, -14.9985, 4.0140



28.6270, 5.6069, -25.1059

Rectangle

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



28.5150, 18.9731, -18.8687



33.1840, 7.7973, 19.1326



30.4230, -14.9985, 4.0140



24.6030, -4.7343, -21.5768

Sweetspot

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



28.5150, 18.9731, -18.8687



71.6060, 7.5892, -7.5475



46.2100, -2.0755, -34.3872



34.1180, 4.3788, -4.4885



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.



28.5150, 18.9731, -18.8687



31.0500, 27.5833, -27.2308



15.3350, 25.4708, -2.9248



30.9290, 1.0210, -0.8147



34.5380, 30.7938, -30.2898



80.7140, 70.6400, -70.7862

Inverse Universe

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



27.7900, 2.0755, 34.3872



30.1170, 2.9003, 49.8864



58.6650, -25.4708, 2.9248



31.0110, -0.0054, 1.7444



33.5630, 3.1734, 55.6342



77.5780, 7.6030, 128.4121

Previews

White Background



This preview shows how the YUV color 28.5150, 18.9731, -18.8687 looks on a white background.

Color Contrast Check

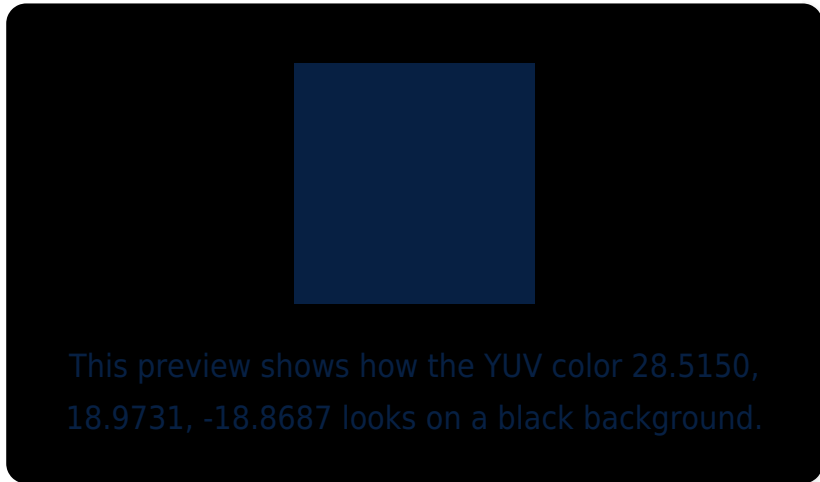
Large Text (above 18pt) WCAG AA ✓ Pass

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

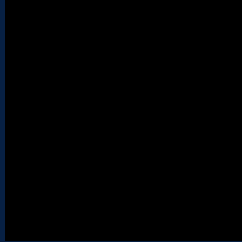
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.5150, 18.9731, -18.8687

Background



This preview shows how black text looks on a background with the YUV color 28.5150, 18.9731, -18.8687.



This preview shows how white text looks on a background with the YUV color 28.5150, 18.9731,

-18.8687.

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

28.5150, 18.9731, -18.8687

Protanopia

28.8140, 18.8257, -18.2539

Deuteranopia

26.6840, 15.9318, -23.4019



Tritanopia

26.1650, 6.3277, -22.9467

Trichromacy



Original Color

28.5150, 18.9731, -18.8687

Protanomaly

28.8140, 18.8257, -18.2539

Deuteranomaly

27.3360, 17.0894, -21.3427

Tritanomaly

27.0280, 10.8322, -21.0726

Monochromacy



Original Color

28.5150, 18.9731, -18.8687

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.5150, 18.9731, -18.8687 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(7, 32, 67)` looks like.

```
.text, #text, p{  
    color:rgb(7, 32, 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(7, 32, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 32, 67) }
```

Border

The CSS property to change the border of an element to YUV 28.5150, 18.9731, -18.8687 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(7, 32, 67) }
```


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

```
.border{ border-color:rgb(7, 32, 67) }
```

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

Here you see how a box with a 4 pixel rgb(7, 32, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 32, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 32, 67); box-shadow:4px  
4px 4px 4px rgb(7, 32, 67) }
```

Background

The CSS property to change the background color of an element to YUV 28.5150, 18.9731, -18.8687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 32, 67) }
```

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

```
.background{ background-color: rgb(7, 32,  
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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