

Converting Colors

YUV(35.8030, 18.8311,
-19.9982)

Have a look what the booklet for
YUV(35.8030, 18.8311, -19.9982)
contains.

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Color

**YUV(35.8030, 18.8311,
-19.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	0D284A
RGB	13, 40, 74
RGB Percent	5%, 16%, 29%
CMY	0.9490, 0.8431, 0.7098
CMYK	0.82, 0.46, 0.00, 0.71
HSL	213°, 70%, 17%
HSV	213°, 82%, 29%
XYZ	2.1608, 2.0976, 6.7695
YIQ	35.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

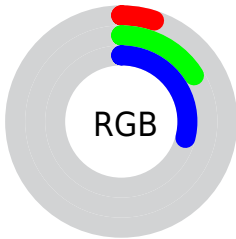
Format	Color
R_{YB}	13, 32, 74
Decimal	862282
CIE _{Lab}	15.99, 3.75, -24.07
CIE _{LCh}	16, 24.365, 278.855
Yxy	2.0976, 0.1959, 0.1902
Android (android.graphics.Color)	4279052362 (0xFF0D284A)
YUV	35.8030, 18.8311, -19.9982
Hunter-Lab	14.4830, 1.2863, -17.5749

Details

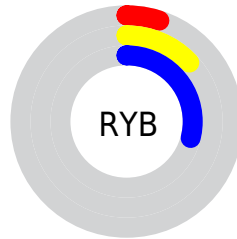
The YUV color **35.8030, 18.8311, -19.9982** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **51.1970, -18.8311, 19.9982**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3520, 19.5465, -16.0947**, and **4.5940, 12.5252, -4.0289** is the 20% darker color. If you saturate the color by 10%, you get **31.3620, 21.0205, -22.2425**, and if you desaturate by 10%, it is **40.2440, 16.6417, -17.7540**.

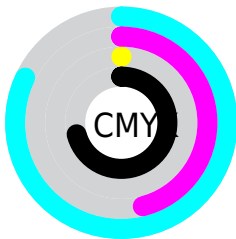
Distribution



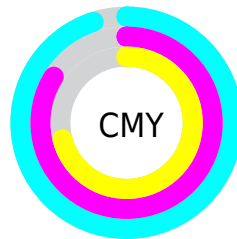
- Red (5%)
- Green (16%)
- Blue (29%)



- Red (5%)
- Yellow (13%)
- Blue (29%)



- Cyan (82%)
- Magenta (46%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.8030, 18.8311, -19.9982 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 35.8030, 18.8311, -19.9982 by changing the saturation by 10% instead.

■ 35.8030, 18.8311,
-19.9982

■ 35.8030, 18.8311,
-19.9982

■ 255.0000, 0.0000,
0.0000

■ 17.5540, 16.4889,
-15.3949

■ 83.3520, 19.5465,
-16.0947

■ 4.5940, 12.5252,
-4.0289

■ 107.8790, 20.2727,
-15.6799

■ 0.0000, 0.0000,
0.0000

■ 133.4060, 20.9988,
-15.2651

■ 159.5200, 21.4356,
-15.3650

■ 186.9330, 21.7250,
-14.8502

■ 214.1780, 20.1252,

-15.0651

■ 239.2850, 7.7475,
-11.6509

■ 35.8030, 18.8311,
-19.9982

■ 35.8030, 18.8311,
-19.9982

■ 31.3620, 21.0205,
-22.2425

■ 40.2440, 16.6417,
-17.7540

■ 27.8070, 22.7731,
-24.3867

■ 44.9840, 14.3049,
-14.8950

■ 49.4250, 12.1155,
-12.6507

■ 54.1650, 9.7787,
-9.7917

■ 59.1930, 7.2999,
-8.0623

■ 63.6340, 5.1104,
-5.8180

■ 68.3740, 2.7736,
-2.9590

■ 72.8150, 0.5842,
-0.7148

■ 77.5550, -1.7526,
2.1443

Harmonies

Analogous

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



34.6230, 18.4269, -30.3644



35.8030, 18.8311, -19.9982



41.0620, 12.7874, 5.2076

Triad

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



35.8030, 18.8311, -19.9982



38.3470, -9.5381, 26.0057



30.6670, -1.8078, -26.8950

Complementary

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



35.8030, 18.8311, -19.9982



51.1970, -18.8311, 19.9982

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.



35.2150, -12.9240, -8.0816



35.8030, 18.8311, -19.9982



37.8270, -17.6627, 18.5687

Square

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



35.8030, 18.8311, -19.9982



38.7200, -1.8340, 28.3096



36.9350, -18.2090, 7.0730



33.3060, 5.7651, -29.2094

Rectangle

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



35.8030, 18.8311, -19.9982



40.9880, 8.3869, 16.6735



36.9350, -18.2090, 7.0730



32.0760, -5.4605, -21.9917

Sweetspot

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



35.8030, 18.8311, -19.9982



81.6060, 7.5892, -7.5475



52.6830, -2.8017, -34.8020



39.1180, 4.3788, -4.4885



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.



35.8030, 18.8311, -19.9982



36.5980, 29.7782, -31.2194



20.8510, 26.2025, -4.2543



35.6300, 1.1684, -1.4295



38.0430, 31.5308, -33.3637



86.0940, 70.9457, -75.5044

Inverse Universe

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



34.3170, 2.8017, 34.8020



34.4920, 4.1944, 54.8195



66.1490, -26.2025, 4.2543



35.4240, 0.2840, 2.2592



35.6280, 4.6204, 58.2082



80.3980, 10.6498, 131.2010

Previews

White Background



This preview shows how the YUV color 35.8030, 18.8311, -19.9982 looks on a white background.

Color Contrast Check

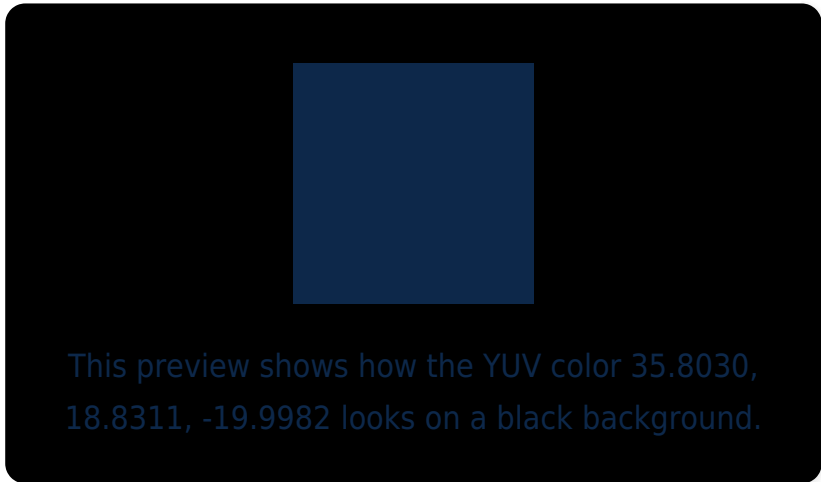
Large Text (above 18pt) WCAG AA ✓ Pass

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

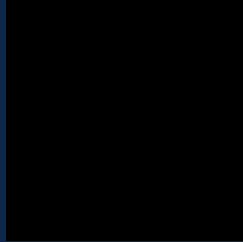
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.8030, 18.8311, -19.9982

Background



This preview shows how black text looks on a background with the YUV color 35.8030, 18.8311, -19.9982.



This preview shows how white text looks on a background with the YUV color 35.8030, 18.8311,

-19.9982.

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

35.8030, 18.8311, -19.9982

Protanopia

38.0920, 17.2096, -13.2357

Deuteranopia

32.2750, 19.5844, -28.3052



Tritanopia

31.8870, 7.9437, -27.9649

Trichromacy



Original Color

35.8030, 18.8311, -19.9982

Protanomaly

36.8960, 17.7993, -15.6948

Deuteranomaly

33.8840, 19.2842, -25.3313

Tritanomaly

33.2340, 11.7166, -24.7612

Monochromacy



Original Color

35.8030, 18.8311, -19.9982

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.8030, 18.8311, -19.9982 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(13, 40, 74)` looks like.

```
.text, #text, p{  
    color:rgb(13, 40, 74)  
}
```

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(13, 40, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 40, 74) }
```

Border

The CSS property to change the border of an element to YUV 35.8030, 18.8311, -19.9982 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(13, 40, 74) }
```


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

```
.border{ border-color:rgb(13, 40, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 40, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 40, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 40, 74);  
box-shadow:4px 4px 4px 4px rgb(13, 40, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.8030, 18.8311, -19.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 40, 74) }
```

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

```
.background{ background-color: rgb(13, 40,  
74) }
```

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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