

Converting Colors

YUV(18.6530, 53.4151, -5.8347)

Have a look what the booklet for
YUV(18.6530, 53.4151, -5.8347)
contains.

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Color

**YUV(18.6530, 53.4151,
-5.8347)**

Conversions

Conversions Part 1

Format	Color
Hex	0C017F
RGB	12, 1, 127
RGB Percent	5%, 0%, 50%
CMY	0.9529, 0.9961, 0.5020
CMYK	0.91, 0.99, 0.00, 0.50
HSL	245°, 98%, 25%
HSV	245°, 99%, 50%
XYZ	3.9932, 1.6322, 20.1832
YIQ	18.6530, -33.8900, 41.5180

Conversions

Conversions Part 2

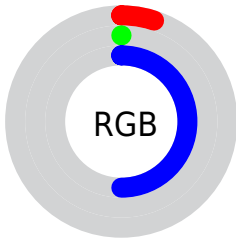
Format	Color
R_{YB}	12, 1, 127
Decimal	786815
CIE Lab	13.42, 46.99, -63.30
CIE LCh	13, 78.837, 306.586
Yxy	1.6322, 0.1547, 0.0632
Android (android.graphics.Color)	4278976895 (0xFF0C017F)
YUV	18.6530, 53.4151, -5.8347
Hunter-Lab	12.7757, 33.4356, -84.7245

Details

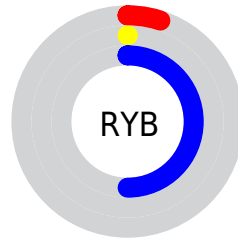
The YUV color **18.6530, 53.4151, -5.8347** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **109.3470, -53.4151, 5.8347**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.8720, 51.3351, 8.0053**, and **8.6640, 33.1966, -7.5983** is the 20% darker color. If you saturate the color by 10%, you get **17.7670, 53.8519, -5.9347**, and if you desaturate by 10%, it is **29.8720, 47.8841, -5.1497**.

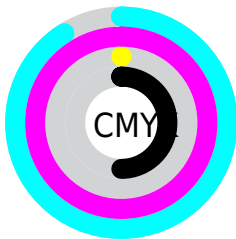
Distribution



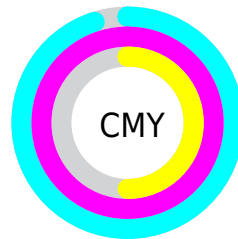
- Red (5%)
- Green (0%)
- Blue (50%)



- Red (5%)
- Yellow (0%)
- Blue (50%)



- Cyan (91%)
- Magenta (99%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (100%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.6530, 53.4151, -5.8347 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 18.6530, 53.4151, -5.8347 by changing the saturation by 10% instead.

■ 18.6530, 53.4151,
-5.8347

■ 18.6530, 53.4151,
-5.8347

■ 245.0210, 4.9196,
8.7516

■ 11.5140, 44.1166,
-10.0978

■ 76.8720, 51.3351,
8.0053

■ 8.6640, 33.1966,
-7.5983

■ 102.8230, 52.3453,
10.6792

■ 8.8630, 21.2665,
-7.7729

■ 129.4750, 53.5028,
12.7384

■ 4.5940, 12.5252,
-4.0289

■ 155.3460, 49.1294,
15.4826

■ 0.1140, 0.4368,
-0.1000


■ 179.8660, 37.0411,
19.4115


■ 0.0000, 0.0000,
0.0000


■ 204.6850, 24.8053,


23.9553


 227.9980, 13.3120,
23.6808


 18.6530, 53.4151,
-5.8347


 18.6530, 53.4151,
-5.8347


 17.7670, 53.8519,
-5.9347

 29.8720, 47.8841,
-5.1497

 40.2050, 42.7899,
-4.5648

 51.4240, 37.2590,
-3.8798

 62.3440, 31.8754,
-3.8097

 73.5630, 26.3444,
-3.1248

■ 84.1950, 21.1029,
-1.9250

■ 95.1150, 15.7193,
-1.8549

■ 106.3340, 10.1883,
-1.1699

■ 116.6670, 5.0942,
-0.5850

Harmonies

Analogous

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



42.3410, 53.0759, -37.1331



18.6530, 53.4151, -5.8347



39.6180, 19.9083, 54.7090

Triad

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



18.6530, 53.4151, -5.8347



25.6590, -12.6499, 44.1491



34.5940, 5.6232, -30.3389

Complementary

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



18.6530, 53.4151, -5.8347



109.3470, -53.4151, 5.8347

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.



28.7630, -14.1802, -25.2252



18.6530, 53.4151, -5.8347



31.5860, -15.5719, 1.2401

Square

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



18.6530, 53.4151, -5.8347



31.6940, -15.6251, 65.1664



27.5890, -13.6014, -24.1956



42.6250, 28.7789, -37.3821

Rectangle

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



18.6530, 53.4151, -5.8347



39.9990, 1.9725, 67.5299



27.5890, -13.6014, -24.1956



31.8410, -2.3866, -27.9246

Sweetspot

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



18.6530, 53.4151, -5.8347



122.8960, 21.2503, -2.5398



83.4560, 21.4672, -72.3139



58.3170, 12.6617, -1.1550



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



18.6530, 53.4151, -5.8347



23.1100, 70.4448, -7.9895



37.1910, 44.2758, 32.2815



58.0970, 2.9102, -0.0851



17.8810, 54.2887, -6.0346



0.0000, 0.0000, 0.0000

Inverse Universe

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



51.7840, 31.6585, 65.9644



66.8480, 41.4869, 86.9563



90.5100, -44.1284, -32.8963



59.7770, 1.5889, 3.7036



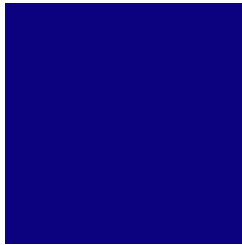
51.4960, 31.8005, 67.0940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 18.6530, 53.4151, -5.8347 looks on a white background.

Color Contrast Check

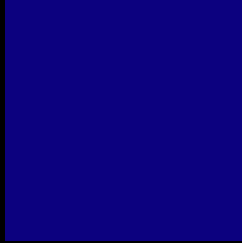
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 18.6530, 53.4151, -5.8347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

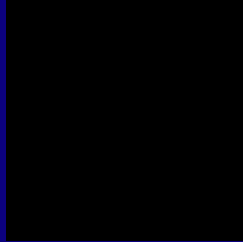
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.6530, 53.4151, -5.8347

Background



This preview shows how black text looks on a background with the YUV color 18.6530, 53.4151, -5.8347.



This preview shows how white text looks on a background with the YUV color 18.6530, 53.4151,

-5.8347.

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

18.6530, 53.4151, -5.8347

Protanopia

30.6110, 23.3628, -26.8458

Deuteranopia

31.0040, 17.2530, -27.1905



Tritanopia

30.3710, 7.2121, -26.6354

Trichromacy



Original Color

18.6530, 53.4151, -5.8347

Protanomaly

26.2280, 34.3976, -19.4940

Deuteranomaly

26.4900, 30.3244, -19.7237

Tritanomaly

26.1820, 24.0673, -19.4536

Monochromacy



Original Color

18.6530, 53.4151, -5.8347

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.4400, 19.5031, -2.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.6530, 53.4151, -5.8347 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(12, 1, 127)` looks like.

```
.text, #text, p{  
    color:rgb(12, 1, 127)  
}
```

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(12, 1, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 1, 127) }
```

Border

The CSS property to change the border of an element to YUV 18.6530, 53.4151, -5.8347 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(12, 1, 127) }
```


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

```
.border{ border-color:rgb(12, 1, 127) }
```

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

Here you see how a box with a 4 pixel rgb(12, 1, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 1, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 1, 127);  
box-shadow:4px 4px 4px 4px rgb(12, 1, 127)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.6530, 53.4151, -5.8347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 1, 127) }
```

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

```
.background{ background-color: rgb(12, 1,  
127) }
```

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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