

Converting Colors

YUV(30.9850, 29.5874,
-16.6498)

Have a look what the booklet for
YUV(30.9850, 29.5874, -16.6498)
contains.

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Color

**YUV(30.9850, 29.5874,
-16.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1D5B
RGB	12, 29, 91
RGB Percent	5%, 11%, 36%
CMY	0.9529, 0.8863, 0.6431
CMYK	0.87, 0.68, 0.00, 0.64
HSL	227°, 77%, 20%
HSV	227°, 87%, 36%
XYZ	2.4793, 1.7122, 10.0973
YIQ	30.9850, -30.0340, 15.6780

Conversions

Conversions Part 2

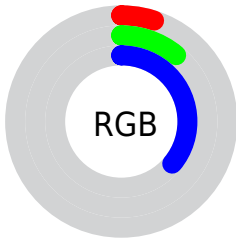
Format	Color
RYB	12, 26, 91
Decimal	793947
CIELab	13.90, 19.41, -38.98
CIElCh	14, 43.546, 296.477
Yxy	1.7122, 0.1735, 0.1198
Android (android.graphics.Color)	4278984027 (0xFF0C1D5B)
YUV	30.9850, 29.5874, -16.6498
Hunter-Lab	13.0852, 10.9221, -36.5922

Details

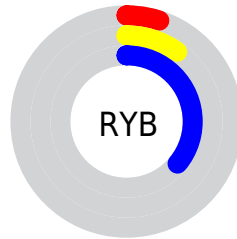
The YUV color **30.9850, 29.5874, -16.6498** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **72.0150, -29.5874, 16.6498**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.6810, 30.7233, -7.6132**, and **6.7770, 18.3509, -5.9434** is the 20% darker color. If you saturate the color by 10%, you get **24.1850, 32.9398, -18.5792**, and if you desaturate by 10%, it is **37.7850, 26.2350, -14.7204**.

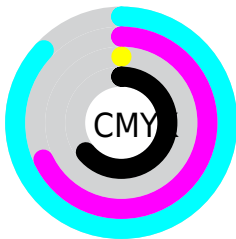
Distribution



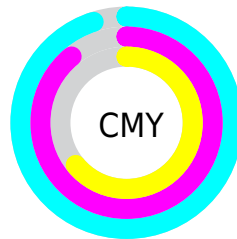
- Red (5%)
- Green (11%)
- Blue (36%)



- Red (5%)
- Yellow (10%)
- Blue (36%)



- Cyan (87%)
- Magenta (68%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.9850, 29.5874, -16.6498 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 30.9850, 29.5874, -16.6498 by changing the saturation by 10% instead.

■ 30.9850, 29.5874,
-16.6498

■ 30.9850, 29.5874,
-16.6498

■ 255.0000, 0.0000,
0.0000

■ 11.1600, 27.5291,
-9.7873

■ 79.6810, 30.7233,
-7.6132

■ 6.7770, 18.3509,
-5.9434

■ 104.6210, 31.7388,
-6.6836

■ 3.0950, 9.3202,
-2.7143

■ 130.4470, 32.3176,
-5.6540

■ 0.0000, 0.0000,
0.0000

■ 156.3870, 33.3332,
-4.7244

■ 183.9140, 34.0594,
-4.3096

■ 208.3630, 22.9920,

-1.1954

233.4700, 10.6143,
2.2188

30.9850, 29.5874,
-16.6498

30.9850, 29.5874,
-16.6498

24.1850, 32.9398,
-18.5792

37.7850, 26.2350,
-14.7204

22.1140, 33.9608,
-19.3940

44.5850, 22.8826,
-12.7910

51.3850, 19.5302,
-10.8616

58.7720, 15.8884,
-9.4470

65.8710, 12.3886,
-6.9029

■ 72.6710, 9.0362,
-4.9735

■ 79.4710, 5.6838,
-3.0441

■ 86.2710, 2.3314,
-1.1147

■ 93.0710, -1.0210,
0.8147

Harmonies

Analogous

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



35.1250, 30.5044, -30.8046



30.9850, 29.5874, -16.6498



30.3610, 19.5420, 32.1324

Triad

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



30.9850, 29.5874, -16.6498



30.9090, -15.2381, 34.2828



31.1230, -0.0606, -27.2949

Complementary

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



30.9850, 29.5874, -16.6498



72.0150, -29.5874, 16.6498

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.



26.4150, -13.0226, -23.1660



30.9850, 29.5874, -16.6498



33.7230, -16.6254, 12.5209

Square

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



30.9850, 29.5874, -16.6498



25.8000, -9.7614, 51.0414



29.4490, -14.5184, -10.0408



35.2440, 13.1907, -30.9090

Rectangle

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



30.9850, 29.5874, -16.6498



29.9190, 9.8999, 44.7980



29.4490, -14.5184, -10.0408



29.8690, -4.8654, -26.1951

Sweetspot

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



30.9850, 29.5874, -16.6498



93.9420, 11.3676, -6.0881



65.4410, 4.2196, -46.8678



44.5140, 7.1416, -3.9588



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



30.9850, 29.5874, -16.6498



28.0130, 43.8706, -24.5674



27.5840, 31.2641, 5.6268



42.1570, 1.8946, -1.0147



26.6280, 41.1024, -23.3528



56.9550, 88.7622, -49.9495

Inverse Universe

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



37.5590, -4.2196, 46.8678



37.8330, -6.3267, 69.4295



75.4160, -31.2641, -5.6268



42.6090, -0.3002, 2.9739



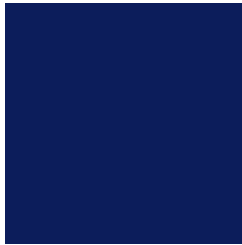
35.6260, -5.7316, 65.2260



76.6770, -12.6588, 140.6033

Previews

White Background



This preview shows how the YUV color 30.9850, 29.5874, -16.6498 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 30.9850, 29.5874, -16.6498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

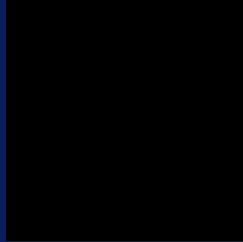
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.9850, 29.5874, -16.6498

Background



This preview shows how black text looks on a background with the YUV color 30.9850, 29.5874, -16.6498.



This preview shows how white text looks on a background with the YUV color 30.9850, 29.5874,

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

30.9850, 29.5874, -16.6498

Protanopia

28.9810, 22.1944, -25.4163

Deuteranopia

28.9010, 16.8108, -25.3462



Tritanopia

28.3820, 7.2067, -24.8910

Trichromacy



Original Color

30.9850, 29.5874, -16.6498

Protanomaly

29.6870, 24.8043, -22.5275

Deuteranomaly

29.4760, 21.4573, -22.3425

Tritanomaly

29.1680, 15.2002, -22.0723

Monochromacy



Original Color

30.9850, 29.5874, -16.6498

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8280, 10.9308, -5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.9850, 29.5874, -16.6498 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, 29, 91)` looks like.

```
.text, #text, p{  
    color:rgb(12, 29, 91)  
}
```

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, 29, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 29, 91) }
```

Border

The CSS property to change the border of an element to YUV 30.9850, 29.5874, -16.6498 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, 29, 91) }
```


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

```
.border{ border-color:rgb(12, 29, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 29, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 29, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 29, 91);  
box-shadow:4px 4px 4px 4px rgb(12, 29, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.9850, 29.5874, -16.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 29, 91) }
```

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

```
.background{ background-color: rgb(12, 29,  
91) }
```

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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