

Converting Colors

YUV(176.9850, 29.5874,
-16.6498)

Have a look what the booklet for
YUV(176.9850, 29.5874, -16.6498)
contains.

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Color

**YUV(176.9850, 29.5874,
-16.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAFED
RGB	158, 175, 237
RGB Percent	62%, 69%, 93%
CMY	0.3804, 0.3137, 0.0706
CMYK	0.33, 0.26, 0.00, 0.07
HSL	227°, 69%, 77%
HSV	227°, 33%, 93%
XYZ	44.7166, 44.0435, 86.2652
YIQ	176.9850, -30.0340, 15.6780

Conversions

Conversions Part 2

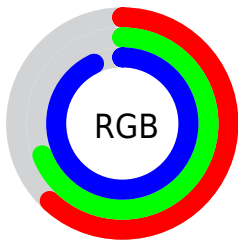
Format	Color
RYB	158, 172, 237
Decimal	10399725
CIELab	72.26, 8.46, -32.90
CIELCh	72, 33.966, 284.419
Yxy	44.0435, 0.2555, 0.2516
Android (android.graphics.Color)	4288589805 (0xFF9EAFED)
YUV	176.9850, 29.5874, -16.6498
Hunter-Lab	66.3653, 4.1332, -30.6127

Details

The YUV color **176.9850, 29.5874, -16.6498** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **218.0150, -29.5874, 16.6498**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0660, 13.2785, -12.3359**, and **123.9310, 28.1350, -17.4795** is the 20% darker color. If you saturate the color by 10%, you get **158.6560, 38.6236, -21.6233**, and if you desaturate by 10%, it is **195.3140, 20.5512, -11.6764**.

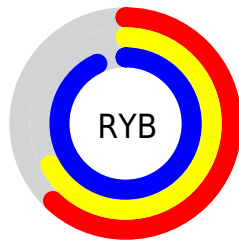
Distribution



Red (62%)

Green (69%)

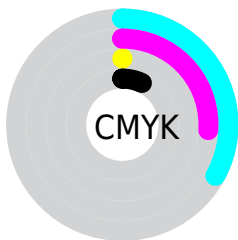
Blue (93%)



Red (62%)

Yellow (67%)

Blue (93%)

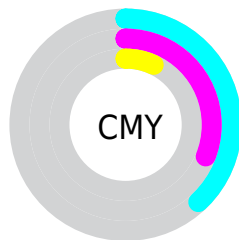


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9850, 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 176.9850, 29.5874, -16.6498 by changing the saturation by 10% instead.

■ 176.9850, 29.5874,
-16.6498

■ 176.9850, 29.5874,
-16.6498

255.0000, 0.0000,
0.0000

■ 149.8710, 29.1506,
-16.5499

■ 228.0660, 13.2785,
-12.3359

■ 123.9310, 28.1350,
-17.4795

■ 251.4120, 1.7689,
-7.3773

■ 98.4040, 27.4088,
-17.8943

■ 73.2790, 26.9775,
-19.5387

■ 48.4310, 26.4095,
-24.0570

■ 27.0890, 25.0991,
-23.7571

■ 9.7920, 22.2875,

-8.5876

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 176.9850, 29.5874,
-16.6498

■ 176.9850, 29.5874,
-16.6498

■ 158.6560, 38.6236,
-21.6233

■ 195.3140, 20.5512,
-11.6764

■ 141.2130, 47.2230,
-26.4968

■ 212.7570, 11.9518,
-6.8029

■ 122.8840, 56.2592,
-31.4703

■ 231.0860, 2.9156,
-1.8294

■ 105.1420, 65.0060,
-36.9585

■ 248.8280, -5.8312,
3.6588

■ 87.1120, 73.8948,
-41.3172

■ 252.9480, -7.8624,
1.7996

■ 68.7830, 82.9310,
-46.2907

■ 56.9550, 88.7622,
-49.9495

Harmonies

Analogous

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



168.3890, 33.3322, -51.2072



176.9850, 29.5874, -16.6498



181.3760, 20.0276, 16.3332

Triad

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



176.9850, 29.5874, -16.6498



178.9770, -21.6807, 47.3782



164.6060, -2.7638, -47.0125

Complementary

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



176.9850, 29.5874, -16.6498



218.0150, -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.



169.9550, -18.7118, -18.3775



176.9850, 29.5874, -16.6498



176.9290, -29.0520, 31.6343

Square

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



176.9850, 29.5874, -16.6498



180.4410, -8.5984, 51.3562



173.6010, -28.3973, 8.2429



159.0880, 16.2256, -71.1142

Rectangle

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



176.9850, 29.5874, -16.6498



181.8960, 11.3903, 33.4172



173.6010, -28.3973, 8.2429



166.7660, -8.7586, -37.5058

Sweetspot

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



176.9850, 29.5874, -16.6498



235.7850, 9.4730, -5.0734



211.4410, 4.2196, -46.8678



115.5850, 6.1206, -3.1440



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



176.9850, 29.5874, -16.6498



177.5420, 38.1868, -21.5233



173.5840, 31.2641, 5.6268



108.4280, 4.2260, -2.1294



43.5270, 67.7742, -38.1732



13.2000, 20.1144, -11.5764

Inverse Universe

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



183.5590, -4.2196, 46.8678



186.0060, -5.4260, 60.5077



221.4160, -31.2641, -5.6268



109.5170, -0.7479, 6.5626



58.5650, -9.6455, 107.3755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 176.9850, 29.5874, -16.6498 looks on a white background.

Color Contrast Check

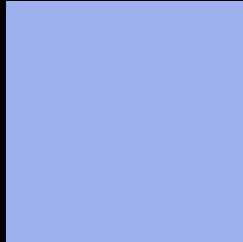
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 176.9850, 29.5874, -16.6498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

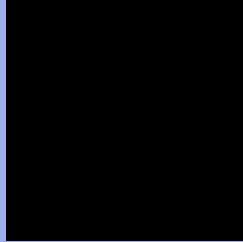
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.9850, 29.5874, -16.6498

Background



This preview shows how black text looks on a background with the YUV color 176.9850, 29.5874, -16.6498.



This preview shows how white text looks on a background with the YUV color 176.9850, 29.5874, -16.6498.

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

176.9850, 29.5874, -16.6498

Protanopia

177.2840, 29.4400, -16.0351

Deuteranopia

176.9960, 29.5820, -14.9055



Tritanopia

173.8430, 11.4164, -21.7873

Trichromacy



Original Color

176.9850, 29.5874, -16.6498

Protanomaly

177.2840, 29.4400, -16.0351

Deuteranomaly

176.6970, 29.7294, -15.5203

Tritanomaly

174.6890, 18.3943, -19.8983

Monochromacy



Original Color

176.9850, 29.5874, -16.6498

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8280, 10.9308, -5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9850, 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(158, 175, 237)` looks like.

```
.text, #text, p{  
    color:rgb(158, 175, 237)  
}
```

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(158, 175, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 175, 237) }
```

Border

The CSS property to change the border of an element to YUV 176.9850, 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(158, 175, 237) }
```


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

```
.border{ border-color:rgb(158, 175, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 175, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 175, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 175, 237);  
box-shadow:4px 4px 4px 4px rgb(158, 175,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 176.9850, 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(158, 175, 237) }
```

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

```
.background{ background-color: rgb(158,  
175, 237) }
```

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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