

Converting Colors

YUV(126.0490, 18.7098,
-74.5880)

Have a look what the booklet for
YUV(126.0490, 18.7098, -74.5880)
contains.

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Color

**YUV(126.0490, 18.7098,
-74.5880)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 29A2A4 |
| RGB | 41, 162, 164 |
| RGB Percent | 16%, 64%, 64% |
| CMY | 0.8392, 0.3647, 0.3569 |
| CMYK | 0.75, 0.01, 0.00, 0.36 |
| HSL | 181°, 60%, 40% |
| HSV | 181°, 75%, 64% |
| XYZ | 20.5356, 28.9924, 39.6357 |
| YIQ | 126.0490, -72.7580, -25.0300 |

Conversions

Conversions Part 2

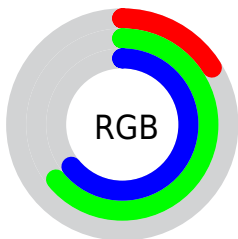
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 41, 102, 164 |
| Decimal | 2728612 |
| CIE _{Lab} | 60.77, -30.90, -10.43 |
| CIE _{LCh} | 61, 32.614, 198.657 |
| Yxy | 28.9924, 0.2303, 0.3252 |
| Android (android.graphics.Color) | 4280918692 (0xFF29A2A4) |
| YUV | 126.0490, 18.7098, -74.5880 |
| Hunter-Lab | 53.8446, -26.1505, -5.9529 |

Details

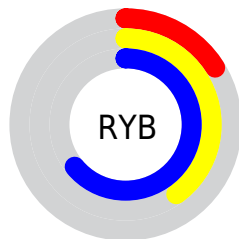
The YUV color **126.0490, 18.7098, -74.5880** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **78.9510, -18.7098, 74.5880**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6370, 16.9410, -67.2106**, and **77.3380, 17.0884, -67.8254** is the 20% darker color. If you saturate the color by 10%, you get **121.2650, 21.0684, -84.4244**, and if you desaturate by 10%, it is **130.8330, 16.3513, -64.7515**.

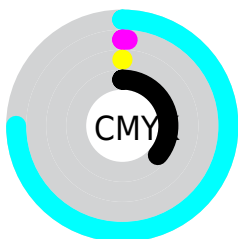
Distribution



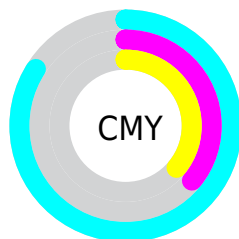
- Red (16%)
- Green (64%)
- Blue (64%)



- Red (16%)
- Yellow (40%)
- Blue (64%)



- Cyan (75%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0490, 18.7098, -74.5880 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 126.0490, 18.7098, -74.5880 by changing the saturation by 10% instead.

■ 126.0490, 18.7098,
-74.5880

■ 126.0490, 18.7098,
-74.5880

■ 255.0000, 0.0000,
0.0000

■ 94.9770, 21.2103,
-83.2948

■ 184.6370, 16.9410,
-67.2106

■ 77.3380, 17.0884,
-67.8254

■ 213.5230, 16.5042,
-67.1107

■ 59.9270, 13.8400,
-52.5560

■ 228.6880, 12.9718,
-54.1004

■ 43.2170, 10.7390,
-37.9013

■ 237.3590, 8.6970,
-36.2718

■ 27.7950, 7.4961,
-24.3762

■ 246.3290, 4.2748,
-17.8285

■ 6.1440, 8.3100,
-5.3883

■ 0.0000, 0.0000,

0.0000

■ 126.0490, 18.7098,
-74.5880

■ 126.0490, 18.7098,
-74.5880

■ 121.2650, 21.0684,
-84.4244

■ 130.8330, 16.3513,
-64.7515

■ 115.5950, 23.8637,
-94.3608

■ 136.5030, 13.5560,
-54.8151

■ 113.2030, 25.0429,
-99.2790

■ 141.2870, 11.1975,
-44.9787

■ 146.3700, 8.6916,
-34.5275

■ 151.1540, 6.3331,
-24.6911

■ 156.5250, 3.6852,
-15.3694

■ 161.6080, 1.1793,
-4.9182

■ 166.3920, -1.1793,
4.9182

■ 171.4750, -3.6852,
15.3694

Harmonies

Analogous

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



133.1050, 0.4412, -48.3271



126.0490, 18.7098, -74.5880



127.1380, 30.4980, -75.5430

Triad

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



126.0490, 18.7098, -74.5880



150.5890, 16.9646, 18.7774



145.6510, -27.4359, 26.6161

Complementary

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



126.0490, 18.7098, -74.5880



78.9510, -18.7098, 74.5880

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.



147.1720, -20.7908, 41.9452



126.0490, 18.7098, -74.5880



150.1050, 4.3852, 40.2499

Square

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



126.0490, 18.7098, -74.5880



146.9210, 26.6609, -11.3317



148.8920, -9.3138, 47.4527



142.6760, -25.4763, 4.6691

Rectangle

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



126.0490, 18.7098, -74.5880



134.7150, 32.1855, -56.7551



148.8920, -9.3138, 47.4527



146.3250, -26.2892, 32.1640

Sweetspot

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



126.0490, 18.7098, -74.5880



198.7620, 7.5123, -29.6093



113.2010, -35.5951, -63.3203



98.0300, 4.4222, -18.4433



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



126.0490, 18.7098, -74.5880



154.5320, 29.3177, -117.1076



90.8290, 36.0733, -43.7000



78.7220, 1.6161, -5.0182



100.4710, 21.9528, -88.1131



12.6180, 2.6533, -11.0660

Inverse Universe

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



91.5710, 34.7215, 63.5202



100.3670, 54.5421, 99.6561



113.5840, -35.7839, 44.2148



76.6030, 2.1677, 4.7332



59.6570, 41.0881, 74.8458



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 126.0490, 18.7098, -74.5880 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0490, 18.7098, -74.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

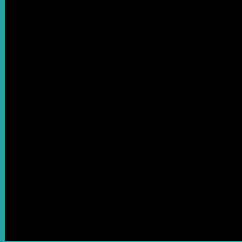
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.0490, 18.7098, -74.5880 Background



This preview shows how black text looks on a background with the YUV color 126.0490, 18.7098, -74.5880.

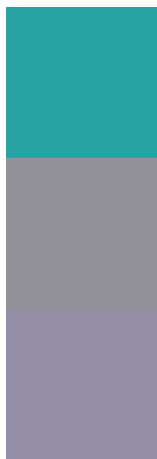


This preview shows how white text looks on a background with the YUV color 126.0490, 18.7098, -74.5880.

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

126.0490, 18.7098, -74.5880

Protanopia

146.2110, 3.3470, -0.1850

Deuteranopia

147.0570, 10.3249, 1.7040



Tritanopia

128.6950, 22.3354, -70.7695

Trichromacy



Original Color

126.0490, 18.7098, -74.5880

Protanomaly

138.8270, 8.9593, -27.0353

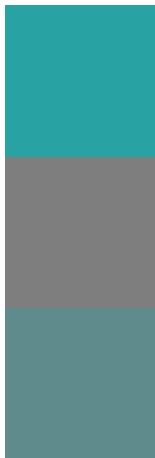
Deuteranomaly

139.3910, 13.6112, -25.7759

Tritanomaly

127.3420, 21.0304, -72.2139

Monochromacy



Original Color

126.0490, 18.7098, -74.5880

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9580, 6.9227, -27.1502

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0490, 18.7098, -74.5880 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(41, 162, 164)` looks like.

```
.text, #text, p{  
    color:rgb(41, 162, 164)  
}
```

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(41, 162, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 162, 164) }
```

Border

The CSS property to change the border of an element to YUV 126.0490, 18.7098, -74.5880 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(41, 162, 164) }
```


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

```
.border{ border-color:rgb(41, 162, 164) }
```

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

Here you see how a box with a 4 pixel rgb(41, 162, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 162, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 162, 164);  
box-shadow:4px 4px 4px 4px rgb(41, 162,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 126.0490, 18.7098, -74.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 162, 164) }
```

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

```
.background{ background-color: rgb(41, 162,  
164) }
```

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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