

Converting Colors

YUV(128.0260, 3.4382,
-76.3218)

Have a look what the booklet for
YUV(128.0260, 3.4382, -76.3218)
contains.

YUV(128.0260, 3.4382, -76.3218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(128.0260, 3.4382,
-76.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	29AB87
RGB	41, 171, 135
RGB Percent	16%, 67%, 53%
CMY	0.8392, 0.3294, 0.4706
CMYK	0.76, 0.00, 0.21, 0.33
HSL	163°, 61%, 42%
HSV	163°, 76%, 67%
XYZ	19.8505, 31.3465, 27.9259
YIQ	128.0260, -65.9240, -38.7560

Conversions

Conversions Part 2

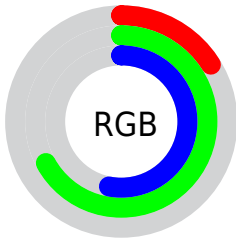
Format	Color
RYB	41, 116, 171
Decimal	2730887
CIELab	62.80, -43.00, 8.79
CIELCh	63, 43.888, 168.447
Yxy	31.3465, 0.2509, 0.3962
Android (android.graphics.Color)	4280920967 (0xFF29AB87)
YUV	128.0260, 3.4382, -76.3218
Hunter-Lab	55.9880, -34.6917, 9.6186

Details

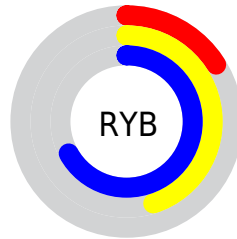
The YUV color **128.0260, 3.4382, -76.3218** is a dark color, and the websafe version is hex **339966**, and the color name is **jungle green**. A complement of this color would be **83.9740, -3.4382, 76.3218**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6740, 0.6537, -69.8741**, and **78.9560, 2.9797, -69.2444** is the 20% darker color. If you saturate the color by 10%, you get **122.3730, 3.7601, -86.2731**, and if you desaturate by 10%, it is **133.6790, 3.1163, -66.3705**.

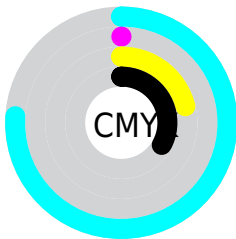
Distribution



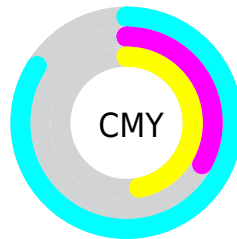
- Red (16%)
- Green (67%)
- Blue (53%)



- Red (16%)
- Yellow (45%)
- Blue (67%)



- Cyan (76%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0260, 3.4382, -76.3218 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 128.0260, 3.4382, -76.3218 by changing the saturation by 10% instead.

■ 128.0260, 3.4382,
-76.3218

■ 128.0260, 3.4382,
-76.3218

■ 255.0000, 0.0000,
0.0000

■ 97.0680, 6.3755,
-85.1286

■ 186.6740, 0.6537,
-69.8741

■ 78.9560, 2.9797,
-69.2444

■ 215.2720, 0.3589,
-68.6445

■ 61.0720, 0.4575,
-53.5601

■ 227.1350, 8.3144,
-53.6154

■ 44.4760, -2.2067,
-39.0055

■ 237.0600, 8.8444,
-36.8866

■ 28.6950, -4.2866,
-25.1655

■ 246.0300, 4.4222,
-18.4433

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 128.0260, 3.4382,
-76.3218

■ 128.0260, 3.4382,
-76.3218

■ 122.3730, 3.7601,
-86.2731

■ 133.6790, 3.1163,
-66.3705

■ 116.8340, 4.5188,
-96.3244

■ 139.2180, 2.3575,
-56.3192

■ 114.5130, 4.6771,
-100.4279

■ 144.8710, 2.0356,
-46.3679

■ 150.5240, 1.7137,
-36.4165

■ 156.1770, 1.3917,
-26.4652

■ 162.0150, 0.4856,
-15.7992

■ 167.6680, 0.1637,
-5.8478

■ 173.3210, -0.1583,
4.1035

■ 178.9740, -0.4802,
14.0548

Harmonies

Analogous

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



140.6070, -21.0053, -29.4733



128.0260, 3.4382, -76.3218



120.9140, 26.6644, -106.0416

Triad

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



128.0260, 3.4382, -76.3218



151.8090, 36.5762, -18.2495



151.4250, -27.8175, 55.7553

Complementary

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



128.0260, 3.4382, -76.3218



83.9740, -3.4382, 76.3218

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.



153.3070, -11.9834, 63.7518



128.0260, 3.4382, -76.3218



156.0550, 23.6369, 25.3848

Square

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



128.0260, 3.4382, -76.3218



132.1710, 47.2437, -79.9570



155.1760, 6.8152, 54.2196



149.4750, -37.2092, 34.6634

Rectangle

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



128.0260, 3.4382, -76.3218



122.4760, 37.7263, -107.4115



155.1760, 6.8152, 54.2196



152.0110, -23.1764, 60.5034

Sweetspot

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



128.0260, 3.4382, -76.3218



205.1550, 1.4026, -29.9539



128.3730, -43.0749, -44.1771



101.8190, 1.0752, -18.2583



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



128.0260, 3.4382, -76.3218



155.2180, 5.3155, -118.5862



115.6940, 27.2659, -65.5066



83.9670, 0.0163, -5.2331



100.4760, 4.2023, -88.1175



15.4390, 0.7696, -13.5400

Inverse Universe

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



83.9740, -3.4382, 76.3218



86.7820, -5.3155, 118.5862



96.3060, -27.2659, 65.5066



80.9190, -0.4531, 5.3330



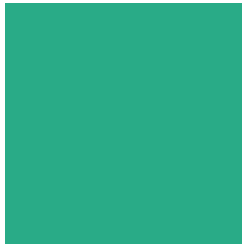
49.6380, -3.7655, 88.0175



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 128.0260, 3.4382, -76.3218 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 128.0260, 3.4382, -76.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

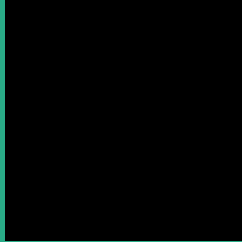
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 128.0260, 3.4382, -76.3218

Background



This preview shows how black text looks on a background with the YUV color 128.0260, 3.4382, -76.3218.



This preview shows how white text looks on a background with the YUV color 128.0260, 3.4382,

-76.3218.

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

128.0260, 3.4382, -76.3218

Protanopia

149.8410, -12.2466, 8.0324

Deuteranopia

152.3070, -5.5744, 14.6398



Tritanopia

136.3970, 21.0033, -63.4922

Trichromacy



Original Color

128.0260, 3.4382, -76.3218



Protanomaly

142.1360, -6.4760, -22.9213



Deuteranomaly

143.3090, -2.1243, -18.6880



Tritanomaly

133.3550, 14.6150, -67.8403

Monochromacy



Original Color

128.0260, 3.4382, -76.3218



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.1660, 1.3972, -28.2096

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0260, 3.4382, -76.3218 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, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(41, 171, 135)  
}
```

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, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 171, 135) }
```

Border

The CSS property to change the border of an element to YUV 128.0260, 3.4382, -76.3218 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, 171, 135) }
```


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

```
.border{ border-color:rgb(41, 171, 135) }
```

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

Here you see how a box with a 4 pixel rgb(41, 171, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 171, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 171, 135);  
box-shadow:4px 4px 4px 4px rgb(41, 171,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 128.0260, 3.4382, -76.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 171, 135) }
```

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

```
.background{ background-color: rgb(41, 171,  
135) }
```

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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