

Converting Colors

YUV(103.6920, -13.1592,
-26.0399)

Have a look what the booklet for
YUV(103.6920, -13.1592, -26.0399)
contains.

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Color

**YUV(103.6920, -13.1592,
-26.0399)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 4A7C4D |
| RGB | 74, 124, 77 |
| RGB Percent | 29%, 49%, 30% |
| CMY | 0.7098, 0.5137, 0.6980 |
| CMYK | 0.40, 0.00, 0.38, 0.51 |
| HSL | 124°, 25%, 39% |
| HSV | 124°, 40%, 49% |
| XYZ | 11.3712, 16.4070, 9.5887 |
| YIQ | 103.6920, -14.7130, -25.2170 |

Conversions

Conversions Part 2

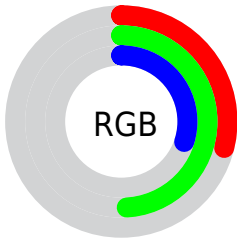
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 74, 121, 124 |
| Decimal | 4881485 |
| CIELab | 47.50, -27.35, 20.51 |
| CIELCh | 48, 34.186, 143.136 |
| Yxy | 16.4070, 0.3043, 0.4391 |
| Android (android.graphics.Color) | 4283071565 (0xFF4A7C4D) |
| YUV | 103.6920, -13.1592, -26.0399 |
| Hunter-Lab | 40.5055, -20.7738, 14.3184 |

Details

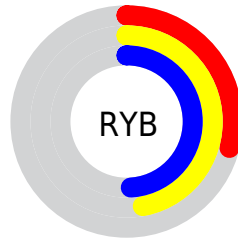
The YUV color $103.6920, -13.1592, -26.0399$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $94.3080, 13.1592, 26.0399$, and the grayscale version is $104.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $155.6380, -14.6115, -26.8695$, and $54.8490, -11.2646, -27.0546$ is the 20% darker color. If you saturate the color by 10%, you get $98.7360, -16.6318, -32.2175$, and if you desaturate by 10%, it is $108.6480, -9.6865, -19.8623$.

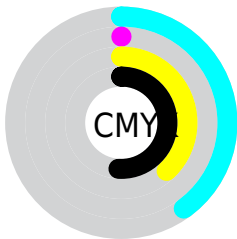
Distribution



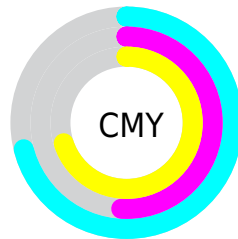
- Red (29%)
- Green (49%)
- Blue (30%)



- Red (29%)
- Yellow (47%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6920, -13.1592, -26.0399 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 103.6920, -13.1592, -26.0399 by changing the saturation by 10% instead.

■ 103.6920,
-13.1592, -26.0399

■ 103.6920,
-13.1592, -26.0399

■ 255.0000, 0.0000,
0.0000

■ 78.9200, -12.2856,
-26.2398

■ 155.6380,
-14.6115, -26.8695

■ 54.8490, -11.2646,
-27.0546

■ 183.2250,
-14.9009, -27.3843

■ 31.0770, -10.3910,
-27.2545

■ 210.6980,
-15.6271, -27.7991

■ 18.7840, -9.2605,
-16.4736

■ 235.1760,
-13.8908, -24.7104

■ 0.0000, 0.0000,
0.0000

■ 246.7400, -5.7878,
-10.2960

■ 103.6920,
-13.1592, -26.0399

■ 103.6920,
-13.1592, -26.0399

■ 98.7360, -16.6318,
-32.2175

■ 108.6480, -9.6865,
-19.8623

■ 93.5950, -19.5203,
-39.1098

■ 113.7890, -6.7980,
-12.9700

■ 88.6390, -22.9930,
-45.2874

■ 118.7450, -3.3253,
-6.7924

■ 83.3840, -26.3183,
-52.0798

■ 124.0000, 0.0000,
0.0000

■ 78.5420, -29.3542,
-58.3573

■ 128.8420, 3.0359,
6.2776

■ 73.5860, -32.8269,
-64.5349

■ 133.7980, 6.5086,
12.4552

■ 139.0530, 9.8339,
19.2475

■ 143.8950, 12.8698,

25.5251

■ 149.1500, 16.1951,
32.3175

Harmonies

Analogous

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



108.1700, -24.7338, -0.1491



103.6920, -13.1592, -26.0399



93.0970, 5.8682, -62.3521

Triad

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



103.6920, -13.1592, -26.0399



103.1830, 32.4478, -47.5185



113.2510, -10.4767, 47.1379

Complementary

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



103.6920, -13.1592, -26.0399



94.3080, 13.1592, 26.0399

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.



115.3610, 2.7800, 41.7794



103.6920, -13.1592, -26.0399



113.7150, 25.7765, -7.6431

Square

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



103.6920, -13.1592, -26.0399



90.8000, 33.1296, -79.6316



116.2690, 15.6434, 22.5661



112.2210, -21.8010, 39.2712

Rectangle

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



103.6920, -13.1592, -26.0399



89.3860, 17.5577, -78.3915



116.2690, 15.6434, 22.5661



113.9890, -6.4036, 47.3676

Sweetspot

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



103.6920, -13.1592, -26.0399



152.9680, -4.9142, -10.4959



117.7020, -21.5451, 3.7693



77.1580, -3.0359, -6.2776



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



103.6920, -13.1592, -26.0399



129.6550, -20.5359, -40.0394



106.5420, -2.2392, -28.5393



58.5220, -1.7363, -3.0888



74.1730, -33.1163, -65.0497



149.6340, -66.3746, -131.2290

Inverse Universe

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



94.3080, 13.1592, 26.0399



115.2310, 20.0991, 40.1394



91.4580, 2.2392, 28.5393



57.4780, 1.7363, 3.0888



50.7130, 32.6795, 65.1497



102.3660, 66.3746, 131.2290

Previews

White Background



This preview shows how the YUV color 103.6920, -13.1592, -26.0399 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 × Fail

Black Background



This preview shows how the YUV color 103.6920, -13.1592, -26.0399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

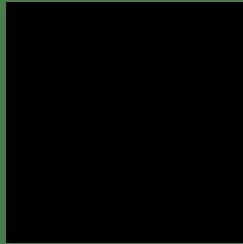
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6920, -13.1592, -26.0399 Background



This preview shows how black text looks on a background with the YUV color 103.6920, -13.1592, -26.0399.



This preview shows how white text looks on a background with the YUV color 103.6920, -13.1592, -26.0399.

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

103.6920, -13.1592, -26.0399

Protanopia

110.4300, -18.9460, 10.1469

Deuteranopia

111.8100, -15.1893, 18.5836



Tritanopia

108.8600, 8.9430, -21.8022

Trichromacy



Original Color

103.6920, -13.1592, -26.0399

Protanomaly

107.9230, -16.7240, -2.5635

Deuteranomaly

108.9390, -14.2669, 2.6845

Tritanomaly

106.7860, 1.0915, -23.4913

Monochromacy



Original Color

103.6920, -13.1592, -26.0399

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6800, -4.7722, -9.3664

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6920, -13.1592, -26.0399 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(74, 124, 77)` looks like.

```
.text, #text, p{  
    color:rgb(74, 124, 77)  
}
```

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(74, 124, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 124, 77) }
```

Border

The CSS property to change the border of an element to YUV 103.6920, -13.1592, -26.0399 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(74, 124, 77) }
```


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

```
.border{ border-color:rgb(74, 124, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 124, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 124, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 124, 77);  
box-shadow:4px 4px 4px 4px rgb(74, 124,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 103.6920, -13.1592, -26.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 124, 77) }
```

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

```
.background{ background-color: rgb(74, 124,  
77) }
```

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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