

Converting Colors

YUV(103.6000, -26.9178,
0.3508)

Have a look what the booklet for
YUV(103.6000, -26.9178, 0.3508)
contains.

YUV(103.6000, -26.9178, 0.3508)	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(103.6000, -26.9178,
0.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	687231
RGB	104, 114, 49
RGB Percent	41%, 45%, 19%
CMY	0.5922, 0.5529, 0.8078
CMYK	0.09, 0.00, 0.57, 0.55
HSL	69°, 40%, 32%
HSV	69°, 57%, 45%
XYZ	12.2806, 15.1994, 5.1923
YIQ	103.6000, 14.9050, -22.3350

Conversions

Conversions Part 2

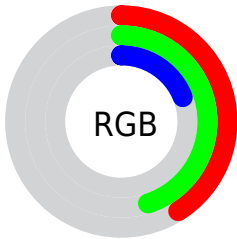
Format	Color
R_{YB}	49, 114, 59
Decimal	6844977
CIE _{Lab}	45.91, -14.06, 34.21
CIE _{LCh}	46, 36.987, 112.349
Yxy	15.1994, 0.3759, 0.4652
Android (android.graphics.Color)	4285035057 (0xFF687231)
YUV	103.6000, -26.9178, 0.3508
Hunter-Lab	38.9865, -11.9993, 19.3942

Details

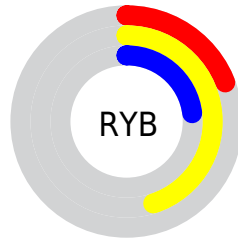
The YUV color **103.6000, -26.9178, 0.3508** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.4000, 26.9178, -0.3508**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5570, -28.3756, 1.2655**, and **55.1870, -27.2072, -0.1640** is the 20% darker color. If you saturate the color by 10%, you get **101.7480, -31.4278, 0.2210**, and if you desaturate by 10%, it is **105.4520, -22.4078, 0.4806**.

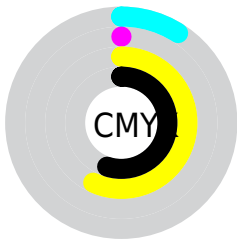
Distribution



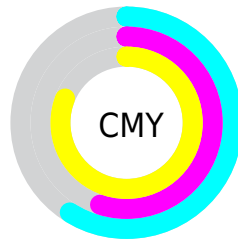
- Red (41%)
- Green (45%)
- Blue (19%)



- Red (19%)
- Yellow (45%)
- Blue (23%)



- Cyan (9%)
- Magenta (0%)
- Yellow (57%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6000, -26.9178, 0.3508 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 103.6000, -26.9178, 0.3508 by changing the saturation by 10% instead.

■ 103.6000,
-26.9178, 0.3508

■ 103.6000,
-26.9178, 0.3508

■ 255.0000, 0.0000,
0.0000

■ 79.3010, -26.7704,
-0.2640

■ 155.5570,
-28.3756, 1.2655

■ 55.1870, -27.2072,
-0.1640

■ 182.3290,
-29.2492, 1.4655

■ 35.3960, -17.4502,
-2.9783

■ 210.1010,
-30.1228, 1.6654

■ 14.6750, -7.2348,
-12.8700

■ 238.2860,
-30.7070, 2.3802

■ 0.0000, 0.0000,
0.0000

■ 249.1860,
-22.2767, 5.0989

■ 252.3780,

-10.0464, 2.2995

■ 103.6000,
-26.9178, 0.3508

■ 103.6000,
-26.9178, 0.3508

■ 101.7480,
-31.4278, 0.2210

■ 105.4520,
-22.4078, 0.4806

■ 99.7820, -36.3745,
0.1912

■ 107.4180,
-17.4611, 0.5104

■ 98.2290, -41.0319,
0.6762

■ 108.9710,
-12.8037, 0.0254

■ 96.2630, -45.9787,
0.6463

■ 110.9370, -7.8569,
0.0553

■ 95.6220, -47.1416,
0.3315

■ 112.7890, -3.3470,
0.1850

■ 114.6410, 1.1630,
0.3148

■ 116.3080, 6.2572,
-0.2701

■ 118.1600, 10.7671,
-0.1403

■ 120.1260, 15.7139,
-0.1105

Harmonies

Analogous

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



106.3580, -29.7565, 24.2420



103.6000, -26.9178, 0.3508



98.9260, -14.7535, -27.9991

Triad

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



103.6000, -26.9178, 0.3508



88.9250, 33.5610, -77.9872



110.6110, 3.6428, 45.0682

Complementary

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



103.6000, -26.9178, 0.3508



59.4000, 26.9178, -0.3508

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.



112.3230, 17.0958, 23.3957



103.6000, -26.9178, 0.3508



93.4740, 37.7273, -60.9287

Square

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



103.6000, -26.9178, 0.3508



87.7220, 21.3361, -76.9322



109.2740, 27.9659, -9.8873



109.1590, -10.9244, 50.7266

Rectangle

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



103.6000, -26.9178, 0.3508



91.3170, -1.1423, -53.7750



109.2740, 27.9659, -9.8873



111.1310, 8.3164, 39.3501

Sweetspot

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



103.6000, -26.9178, 0.3508



143.9540, -10.3303, 0.0403



74.3050, -12.4754, 34.8125



71.6920, -6.2572, 0.2701



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



103.6000, -26.9178, 0.3508



131.7020, -41.7581, 0.2613



94.0320, -22.2008, -19.3221



55.0170, -2.4734, -0.0149



100.6390, -49.6150, 0.3166



207.4800, -102.2876, 1.3330

Inverse Universe

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



59.4000, 26.9178, -0.3508



63.2980, 41.7581, -0.2613



68.9680, 22.2008, 19.3221



50.9830, 2.4734, 0.0149



19.0620, 49.7624, -0.9314



39.5200, 102.2876, -1.3330

Previews

White Background



This preview shows how the YUV color 103.6000, -26.9178, 0.3508 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 103.6000, -26.9178, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

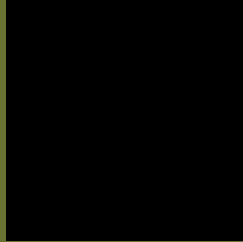
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6000, -26.9178, 0.3508

Background



This preview shows how black text looks on a background with the YUV color 103.6000, -26.9178, 0.3508.



This preview shows how white text looks on a background with the YUV color 103.6000, -26.9178,

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

103.6000, -26.9178, 0.3508

Protanopia

105.5200, -28.8504, 13.5760

Deuteranopia

106.4550, -26.8463, 24.1570



Tritanopia

109.1080, 2.9048, 1.6593

Trichromacy



Original Color

103.6000, -26.9178, 0.3508

Protanomaly

105.0140, -28.1079, 8.7577

Deuteranomaly

105.4000, -26.8192, 15.4352

Tritanomaly

107.2360, -8.0043, 0.6700

Monochromacy



Original Color

103.6000, -26.9178, 0.3508

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0680, -9.8935, -0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6000, -26.9178, 0.3508 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(104, 114, 49)` looks like.

```
.text, #text, p{  
    color:rgb(104, 114, 49)  
}
```

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(104, 114, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 114, 49) }
```

Border

The CSS property to change the border of an element to YUV 103.6000, -26.9178, 0.3508 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(104, 114, 49) }
```


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

```
.border{ border-color:rgb(104, 114, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 114, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 114, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 114, 49);  
box-shadow:4px 4px 4px 4px rgb(104, 114,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 103.6000, -26.9178, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 114, 49) }
```

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

```
.background{ background-color: rgb(104,  
114, 49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor