

Converting Colors

YUV(103.1000, -25.1923,
6.9283)

Have a look what the booklet for
YUV(103.1000, -25.1923, 6.9283)
contains.

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Color

**YUV(103.1000, -25.1923,
6.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6D34
RGB	111, 109, 52
RGB Percent	44%, 43%, 20%
CMY	0.5647, 0.5725, 0.7961
CMYK	0.00, 0.02, 0.53, 0.56
HSL	58°, 36%, 32%
HSV	58°, 53%, 44%
XYZ	12.6440, 14.5647, 5.3937
YIQ	103.1000, 19.4890, -17.3030

Conversions

Conversions Part 2

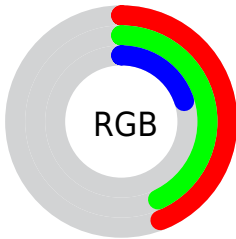
Format	Color
RYB	54, 111, 52
Decimal	7302452
CIELab	45.03, -7.83, 31.78
CIELCh	45, 32.726, 103.839
Yxy	14.5647, 0.3878, 0.4467
Android (android.graphics.Color)	4285492532 (0xFF6F6D34)
YUV	103.1000, -25.1923, 6.9283
Hunter-Lab	38.1638, -7.6478, 18.3352

Details

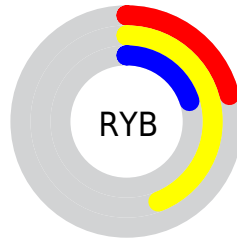
The YUV color **103.1000, -25.1923, 6.9283** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.9000, 25.1923, -6.9283**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3560, -26.7975, 8.4578**, and **55.2030, -24.7501, 5.0840** is the 20% darker color. If you saturate the color by 10%, you get **101.8460, -29.9971, 8.0281**, and if you desaturate by 10%, it is **104.3540, -20.3875, 5.8285**.

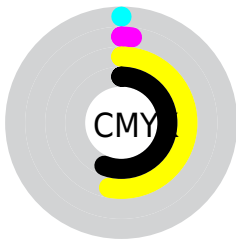
Distribution



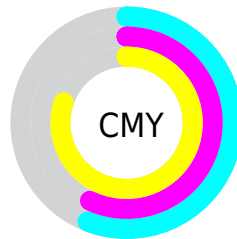
- Red (44%)
- Green (43%)
- Blue (20%)



- Red (21%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (2%)
- Yellow (53%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1000, -25.1923, 6.9283 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 103.1000, -25.1923, 6.9283 by changing the saturation by 10% instead.

■ 103.1000,
-25.1923, 6.9283

■ 103.1000,
-25.1923, 6.9283

■ 255.0000, 0.0000,
0.0000

■ 78.9150, -24.6081,
6.2135

■ 154.3560,
-26.7975, 8.4578

■ 55.2030, -24.7501,
5.0840

■ 181.5410,
-27.3817, 9.1725

■ 34.8420, -17.1771,
2.7696

■ 209.3130,
-28.2553, 9.3725

■ 14.1320, -6.9671,
-5.3778

■ 237.4980,
-28.8395, 10.0873

■ 0.0000, 0.0000,
0.0000

■ 249.5280,
-20.9663, 4.7989

■ 252.7200, -8.7360,

1.9996

■ 103.1000,
-25.1923, 6.9283

■ 103.1000,
-25.1923, 6.9283

■ 101.8460,
-29.9971, 8.0281

■ 104.3540,
-20.3875, 5.8285

■ 100.0050,
-34.5125, 9.6426

■ 106.1950,
-15.8721, 4.2140

■ 98.7510, -39.3172,
10.7424

■ 107.4490,
-11.0674, 3.1142

■ 96.9100, -43.8326,
12.3569

■ 109.2900, -6.5520,
1.4997

■ 95.9980, -47.3270,
13.1568

■ 110.6580, -1.3104,
0.2999

■ 111.9120, 3.4944,
-0.7998

■ 113.7530, 8.0098,
-2.4144

■ 115.0070, 12.8145,
-3.5141

■ 116.2610, 17.6193,
-4.6139

Harmonies

Analogous

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



105.5200, -25.3994, 26.7310



103.1000, -25.1923, 6.9283



99.8350, -16.6807, -16.5183

Triad

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



103.1000, -25.1923, 6.9283



86.2690, 28.4614, -75.6579



109.2400, 6.2907, 35.7465

Complementary

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



103.1000, -25.1923, 6.9283



59.9000, 25.1923, -6.9283

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.



109.7840, 17.8545, 13.3444



103.1000, -25.1923, 6.9283



90.7250, 33.6596, -62.9028

Square

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



103.1000, -25.1923, 6.9283



84.5930, 16.9627, -74.1881



105.1760, 26.5352, -17.6944



107.6790, -6.2507, 45.0085

Rectangle

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



103.1000, -25.1923, 6.9283



95.9450, -6.8749, -35.0318



105.1760, 26.5352, -17.6944



109.3470, 10.6749, 29.5137

Sweetspot

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



103.1000, -25.1923, 6.9283



142.3780, -10.0464, 2.2995



69.9830, -7.3866, 35.9719



71.8170, -5.8258, 1.9145



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.



103.1000, -25.1923, 6.9283



132.6370, -39.7540, 10.8424



96.2010, -21.7911, -10.7003



55.3160, -2.6208, 0.5999



103.9720, -51.2582, 14.0566



214.1460, -105.5740, 28.8130

Inverse Universe

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



59.9000, 25.1923, -6.9283



64.3630, 39.7540, -10.8424



66.7990, 21.7911, 10.7003



51.2710, 2.3314, -1.1147



16.0280, 51.2582, -14.0566



32.8540, 105.5740, -28.8130

Previews

White Background



This preview shows how the YUV color 103.1000, -25.1923, 6.9283 looks on a white background.

Color Contrast Check

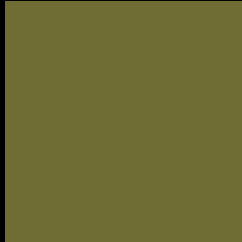
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.1000, -25.1923, 6.9283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

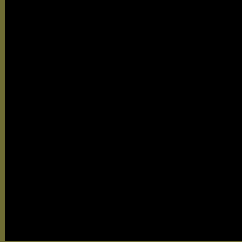
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1000, -25.1923, 6.9283

Background



This preview shows how black text looks on a background with the YUV color 103.1000, -25.1923, 6.9283.



This preview shows how white text looks on a background with the YUV color 103.1000, -25.1923, 6.9283.

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

103.1000, -25.1923, 6.9283

Protanopia

103.9050, -26.0822, 12.3613

Deuteranopia

104.6120, -24.9517, 23.1423



Tritanopia

108.0980, 1.4307, 7.8071

Trichromacy



Original Color

103.1000, -25.1923, 6.9283

Protanomaly

103.5950, -25.9293, 10.0022

Deuteranomaly

104.1660, -25.2248, 17.3944

Tritanomaly

106.2800, -8.0260, 7.6474

Monochromacy



Original Color

103.1000, -25.1923, 6.9283

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9050, -9.3202, 2.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1000, -25.1923, 6.9283 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(111, 109, 52)` looks like.

```
.text, #text, p{  
    color:rgb(111, 109, 52)  
}
```

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(111, 109, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 109, 52) }
```

Border

The CSS property to change the border of an element to YUV 103.1000, -25.1923, 6.9283 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(111, 109, 52) }
```


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

```
.border{ border-color:rgb(111, 109, 52) }
```

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

Here you see how a box with a 4 pixel rgb(111, 109, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 109, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 109, 52);  
box-shadow:4px 4px 4px 4px rgb(111, 109,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 103.1000, -25.1923, 6.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 109, 52) }
```

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

```
.background{ background-color: rgb(111,  
109, 52) }
```

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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