

Converting Colors

YUV(103.5300, -51.0403,
-9.2348)

Have a look what the booklet for
YUV(103.5300, -51.0403, -9.2348)
contains.

YUV(103.5300, -51.0403, -9.2348)	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>	30

Color

**YUV(103.5300, -51.0403,
-9.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8100
RGB	93, 129, 0
RGB Percent	36%, 51%, 0%
CMY	0.6353, 0.4941, 1.0000
CMYK	0.28, 0.00, 1.00, 0.49
HSL	77°, 100%, 25%
HSV	77°, 100%, 51%
XYZ	12.3645, 18.0277, 2.8280
YIQ	103.5300, 19.9530, -47.7510

Conversions

Conversions Part 2

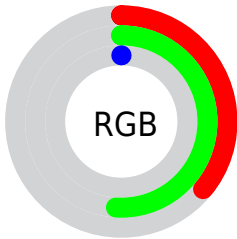
Format	Color
RYB	0, 129, 36
Decimal	6127872
CIELab	49.53, -29.11, 53.75
CIELCh	50, 61.128, 118.437
Yxy	18.0277, 0.3722, 0.5427
Android (android.graphics.Color)	4284317952 (0xFF5D8100)
YUV	103.5300, -51.0403, -9.2348
Hunter-Lab	42.4590, -22.3224, 25.7722

Details

The YUV color **103.5300, -51.0403, -9.2348** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **25.4700, 51.0403, 9.2348**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1970, -45.9461, -9.8198**, and **58.6320, -28.9056, -15.4633** is the 20% darker color. If you saturate the color by 10%, you get **103.5300, -51.0403, -9.2348**, and if you desaturate by 10%, it is **106.2080, -45.9515, -8.0754**.

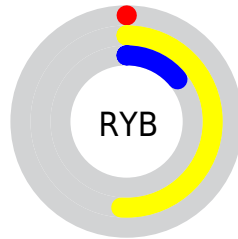
Distribution



Red (36%)

Green (51%)

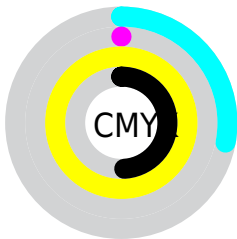
Blue (0%)



Red (0%)

Yellow (51%)

Blue (14%)

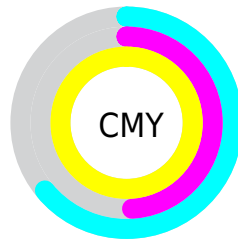


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5300, -51.0403, -9.2348 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 103.5300, -51.0403, -9.2348 by changing the saturation by 10% instead.

■ 103.5300,
-51.0403, -9.2348

■ 103.5300,
-51.0403, -9.2348

■ 255.0000, 0.0000,
0.0000

■ 81.0810, -39.9729,
-12.3490

■ 158.1970,
-45.9461, -9.8198

■ 58.6320, -28.9056,
-15.4633

■ 186.0830,
-46.3829, -9.7198

■ 35.5630, -17.5326,
-23.2958

■ 214.1540,
-47.4039, -8.9051

■ 20.5450, -10.1287,
-18.0180


■ 235.8820,
-44.8048, -2.5275


■ 0.0000, 0.0000,
0.0000


■ 245.6520,
-35.8174, 8.1982

■ 248.8440,


-23.5871, 5.3988


 252.1500,
-10.9200, 2.4994


 103.5300,
-51.0403, -9.2348

 106.2080,
-45.9515, -8.0754

 108.5870,
-40.7154, -7.5308

 111.2650,
-35.6266, -6.3714

 113.6440,
-30.3905, -5.8268

 116.3220,
-25.3017, -4.6674

■ 118.8860,
-20.6498, -3.4080

■ 121.2650,
-15.4136, -2.8634

■ 123.9430,
-10.3249, -1.7040

■ 126.3220, -5.0887,
-1.1594

Harmonies

Analogous

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



110.5610, -54.5066, 29.3260



103.5300, -51.0403, -9.2348



87.2590, -13.4387, -76.5261

Triad

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



103.5300, -51.0403, -9.2348



103.3160, 50.6232, -90.6081



112.0100, 5.4181, 82.4292

Complementary

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



103.5300, -51.0403, -9.2348



25.4700, 51.0403, 9.2348

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.



119.6050, 26.3237, 50.3354



103.5300, -51.0403, -9.2348



98.6830, 60.7953, -86.5450

Square

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



103.5300, -51.0403, -9.2348



101.6910, 31.7043, -89.1830



118.1660, 45.2742, -8.0386



110.8920, -19.1738, 83.4097

Rectangle

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



103.5300, -51.0403, -9.2348



93.0100, 0.9811, -81.5698



118.1660, 45.2742, -8.0386



113.9150, 12.8599, 75.4965

Sweetspot

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



103.5300, -51.0403, -9.2348



158.1140, -19.7762, -3.6080



58.5290, -28.8548, 61.8031



78.1880, -11.9247, -1.9189



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



103.5300, -51.0403, -9.2348



134.7950, -66.4539, -12.0982



84.6930, -41.7536, -47.9658



62.6040, -2.7628, -0.5297



102.6440, -50.6035, -9.3348



0.0000, 0.0000, 0.0000

Inverse Universe

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



25.4700, 51.0403, 9.2348



33.2050, 66.4539, 12.0982



44.3070, 41.7536, 47.9658



58.3960, 2.7628, 0.5297



25.3560, 50.6035, 9.3348



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.5300, -51.0403, -9.2348 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 103.5300, -51.0403, -9.2348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

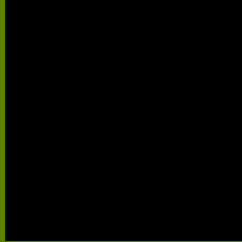
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.5300, -51.0403, -9.2348

Background



This preview shows how black text looks on a background with the YUV color 103.5300, -51.0403, -9.2348.



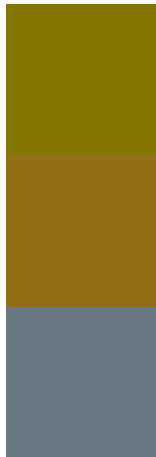
This preview shows how white text looks on a background with the YUV color 103.5300, -51.0403, -9.2348.

-9.2348.

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



Protanopia

109.0330, -53.7533, 21.0191

Deuteranopia

112.1450, -43.4555, 31.4448

Tritanopia

116.5410, 6.1423, -10.1215

Trichromacy



Protanomaly

106.8960, -52.6997, 9.7382

Deuteranomaly

109.2480, -46.4643, 16.4455

Tritanomaly

111.7480, -14.6658, -9.4260

Monochromacy



Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7550, -18.6132, -3.2931

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5300, -51.0403, -9.2348 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(93, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 129, 0)  
}
```

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(93, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 129, 0) }
```

Border

The CSS property to change the border of an element to YUV 103.5300, -51.0403, -9.2348 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(93, 129, 0) }
```

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

```
.border{ border-color:rgb(93, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(93, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(93, 129, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 103.5300, -51.0403, -9.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 129, 0) }
```

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

```
.background{ background-color: rgb(93, 129,  
0) }
```

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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