

Converting Colors

YUV(104.1140, -49.8492,
28.8410)

Have a look what the booklet for
YUV(104.1140, -49.8492, 28.8410)
contains.

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Color

**YUV(104.1140, -49.8492,
28.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	896B03
RGB	137, 107, 3
RGB Percent	54%, 42%, 1%
CMY	0.4627, 0.5804, 0.9882
CMYK	0.00, 0.22, 0.98, 0.46
HSL	47°, 96%, 27%
HSV	47°, 98%, 54%
XYZ	15.5907, 15.8403, 2.3219
YIQ	104.1140, 51.2640, -25.9840

Conversions

Conversions Part 2

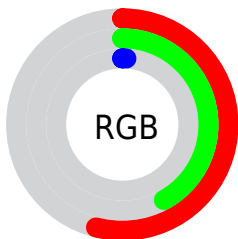
Format	Color
R_{YB}	42, 137, 3
Decimal	9005827
CIE Lab	46.76, 3.17, 52.75
CIE LCh	47, 52.848, 86.565
Yxy	15.8403, 0.4619, 0.4693
Android (android.graphics.Color)	4287195907 (0xFF896B03)
YUV	104.1140, -49.8492, 28.8410
Hunter-Lab	39.7999, 0.2732, 24.4010

Details

The YUV color **104.1140, -49.8492, 28.8410** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **35.8860, 49.8492, -28.8410**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9340, -46.8025, 31.6299**, and **59.7380, -29.4508, 19.5238** is the 20% darker color. If you saturate the color by 10%, you get **103.1850, -50.8702, 29.6558**, and if you desaturate by 10%, it is **107.4710, -44.6022, 25.8969**.

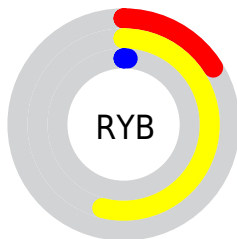
Distribution



Red (54%)

Green (42%)

Blue (1%)



Red (16%)

Yellow (54%)

Blue (1%)

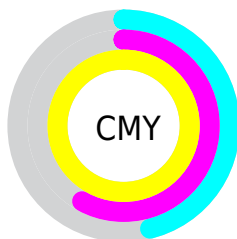


Cyan (0%)

Magenta (22%)

Yellow (98%)

Black (46%)



Cyan (46%)

Magenta (58%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1140, -49.8492, 28.8410 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 104.1140, -49.8492, 28.8410 by changing the saturation by 10% instead.

■ 104.1140,
-49.8492, 28.8410

■ 104.1140,
-49.8492, 28.8410

255.0000, 0.0000,
0.0000

■ 81.3120, -40.0868,
24.2824

■ 157.9340,
-46.8025, 31.6299

■ 59.7380, -29.4508,
19.5238

■ 185.7170,
-47.6815, 33.5742

■ 39.6370, -19.5410,
14.3504

■ 213.5000,
-48.5605, 35.5185

■ 20.4220, -10.0680,
9.2769

■ 233.9000,
-45.3067, 18.5047

■ 0.0000, 0.0000,
0.0000

■ 245.3100,
-37.1278, 8.4981

■ 248.3880,

-25.3343, 5.7987

■ 251.6940,
-12.6671, 2.8994

■ 104.1140,
-49.8492, 28.8410

■ 104.1140,
-49.8492, 28.8410

■ 103.1850,
-50.8702, 29.6558

■ 107.4710,
-44.6022, 25.8969

■ 110.7140,
-39.7920, 23.0528

■ 114.0710,
-34.5450, 20.1087

■ 117.4280,
-29.2980, 17.1646

■ 120.6710,
-24.4878, 14.3205

■ 124.0280,
-19.2408, 11.3764

■ 127.3850,
-13.9938, 8.4324

■ 131.3290, -9.0362,
4.9735

■ 134.5720, -4.2260,
2.1294

Harmonies

Analogous

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



107.0630, -35.5271, 55.1957



104.1140, -49.8492, 28.8410



100.7120, -40.2840, -5.8864

Triad

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



104.1140, -49.8492, 28.8410



93.8830, 27.1727, -82.3354



113.3280, 23.0093, 40.0543

Complementary

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



104.1140, -49.8492, 28.8410



35.8860, 49.8492, -28.8410

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.



110.9610, 39.4592, -9.6128



104.1140, -49.8492, 28.8410



95.5250, 43.6182, -83.7754

Square

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



104.1140, -49.8492, 28.8410



88.7530, 7.5168, -77.8364



92.0660, 53.2115, -80.7419



108.6940, 4.5879, 68.6744

Rectangle

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



104.1140, -49.8492, 28.8410



95.8360, -25.0621, -34.9362



92.0660, 53.2115, -80.7419



114.3200, 28.4362, 26.0294

Sweetspot

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



104.1140, -49.8492, 28.8410



166.0280, -19.2408, 11.3764



46.6000, -6.2118, 79.2808



81.3570, -11.5150, 6.7029



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



104.1140, -49.8492, 28.8410



135.1140, -66.6112, 38.4880



110.9600, -53.2243, -8.7349



67.0280, -2.4788, 1.7294



100.2280, -49.4124, 28.7410



3.8430, -1.8946, 1.0147

Inverse Universe

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



35.8860, 49.8492, -28.8410



43.8860, 66.6112, -38.4880



29.0400, 53.2243, 8.7349



63.9720, 2.4788, -1.7294



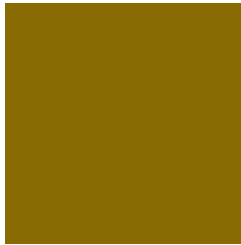
32.7720, 49.4124, -28.7410



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 104.1140, -49.8492, 28.8410 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 104.1140, -49.8492, 28.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

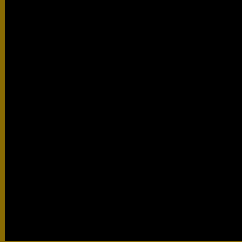
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.1140, -49.8492, 28.8410

Background



This preview shows how black text looks on a background with the YUV color 104.1140, -49.8492, 28.8410.



This preview shows how white text looks on a background with the YUV color 104.1140, -49.8492, 28.8410.

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

104.1140, -49.8492, 28.8410

Protanopia

103.9170, -47.7801, 18.4898

Deuteranopia

104.7060, -47.6761, 31.8298



Tritanopia

112.7690, -2.8441, 25.6356

Trichromacy



Original Color

104.1140, -49.8492, 28.8410

Protanomaly

103.8250, -48.2277, 22.0785

Deuteranomaly

104.7660, -48.6916, 30.9002

Tritanomaly

109.6000, -20.0158, 26.6608

Monochromacy



Original Color

104.1140, -49.8492, 28.8410

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9570, -18.2198, 10.5617

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1140, -49.8492, 28.8410 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(137, 107, 3)` looks like.

```
.text, #text, p{  
    color:rgb(137, 107, 3)  
}
```

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(137, 107, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 107, 3) }
```

Border

The CSS property to change the border of an element to YUV 104.1140, -49.8492, 28.8410 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(137, 107, 3) }
```


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

```
.border{ border-color:rgb(137, 107, 3) }
```

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

Here you see how a box with a 4 pixel rgb(137, 107, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 107, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 107, 3);  
box-shadow:4px 4px 4px 4px rgb(137, 107,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 104.1140, -49.8492, 28.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 107, 3) }
```

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

```
.background{ background-color: rgb(137,  
107, 3) }
```

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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