

Converting Colors

YUV(104.9900, 8.3859,
-29.8092)

Have a look what the booklet for
YUV(104.9900, 8.3859, -29.8092)
contains.

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Color

**YUV(104.9900, 8.3859,
-29.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	47777A
RGB	71, 119, 122
RGB Percent	28%, 47%, 48%
CMY	0.7216, 0.5333, 0.5216
CMYK	0.42, 0.02, 0.00, 0.52
HSL	184°, 26%, 38%
HSV	184°, 42%, 48%
XYZ	12.7082, 15.9384, 20.8190
YIQ	104.9900, -29.5710, -9.2430

Conversions

Conversions Part 2

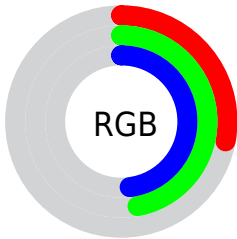
Format	Color
R_{YB}	71, 96, 122
Decimal	4683642
CIE _{Lab}	46.89, -15.42, -6.78
CIE _{LCh}	47, 16.846, 203.746
Yxy	15.9384, 0.2569, 0.3222
Android (android.graphics.Color)	4282873722 (0xFF47777A)
YUV	104.9900, 8.3859, -29.8092
Hunter-Lab	39.9229, -13.0452, -2.9725

Details

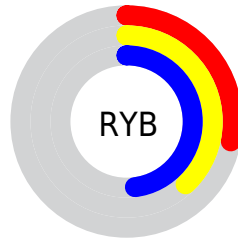
The YUV color **104.9900, 8.3859, -29.8092** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.0100, -8.3859, 29.8092**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6910, 8.5333, -30.4240**, and **55.0930, 8.8282, -31.6536** is the 20% darker color. If you saturate the color by 10%, you get **100.8150, 10.4442, -36.6718**, and if you desaturate by 10%, it is **109.1650, 6.3277, -22.9467**.

Distribution



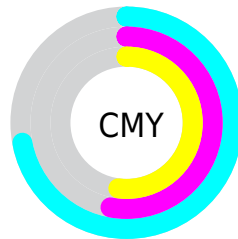
- Red (28%)
- Green (47%)
- Blue (48%)



- Red (28%)
- Yellow (38%)
- Blue (48%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (72%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9900, 8.3859, -29.8092 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 104.9900, 8.3859, -29.8092 by changing the saturation by 10% instead.

■ 104.9900, 8.3859,
-29.8092

■ 104.9900, 8.3859,
-29.8092

■ 255.0000, 0.0000,
0.0000

■ 79.9900, 8.3859,
-29.8092

■ 156.6910, 8.5333,
-30.4240

■ 55.0930, 8.8282,
-31.6536

■ 184.3920, 8.6807,
-31.0388

■ 33.9900, 8.3859,
-29.8092

■ 212.0930, 8.8282,
-31.6536

■ 19.8560, 5.0010,
-17.4137

■ 239.7510, 7.5178,
-31.3536

■ 0.3420, 1.3104,
-0.2999

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 104.9900, 8.3859,
-29.8092

■ 104.9900, 8.3859,
-29.8092

■ 100.8150, 10.4442,
-36.6718

■ 109.1650, 6.3277,
-22.9467

■ 97.2270, 12.2131,
-44.0491

■ 112.7530, 4.5588,
-15.5694

■ 92.7530, 14.4188,
-51.5264

■ 117.2270, 2.3531,
-8.0921

■ 88.5780, 16.4770,
-58.3889

■ 121.4020, 0.2948,
-1.2296

■ 84.4030, 18.5353,
-65.2514

■ 125.5770, -1.7635,
5.6330

■ 81.4130, 20.0094,
-71.3992

■ 129.1650, -3.5323,
13.0103

■ 133.3400, -5.5906,
19.8728

■ 137.8140, -7.7963,

27.3501

■ 141.4020, -9.5652,
34.7274

Harmonies

Analogous

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



105.7860, 1.0915, -23.4913



104.9900, 8.3859, -29.8092



106.2660, 13.1799, -27.4203

Triad

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



104.9900, 8.3859, -29.8092



113.6130, 7.0928, 11.7404



110.8200, -13.7153, 12.4359

Complementary

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



104.9900, 8.3859, -29.8092



88.0100, -8.3859, 29.8092

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.



112.1460, -11.4110, 20.0430



104.9900, 8.3859, -29.8092



113.3600, 0.8085, 20.7323

Square

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



104.9900, 8.3859, -29.8092



112.4910, 12.0829, -2.1846



113.1340, -6.4751, 23.5615



109.4980, -12.0775, 0.4403

Rectangle

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



104.9900, 8.3859, -29.8092



108.3530, 14.6160, -21.3576



113.1340, -6.4751, 23.5615



111.5430, -13.5787, 15.3098

Sweetspot

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



104.9900, 8.3859, -29.8092



151.4330, 3.2375, -11.7807



101.2790, -13.4485, -26.5547



74.5260, 2.2057, -7.4773



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



104.9900, 8.3859, -29.8092



131.4440, 13.0921, -45.9934



90.3150, 15.6207, -16.9393



59.2060, 0.8844, -3.6887



83.5160, 20.4516, -73.2435



168.4340, 41.1980, -147.7166

Inverse Universe

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



91.7210, 13.4485, 26.5547



111.0570, 20.6779, 41.1690



102.6850, -15.6207, 16.9393



57.4780, 1.7363, 3.0888



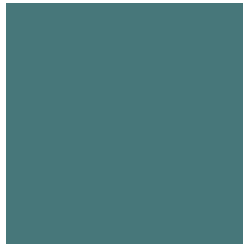
50.8270, 33.1163, 65.0497



102.4800, 66.8114, 131.1290

Previews

White Background



This preview shows how the YUV color 104.9900, 8.3859, -29.8092 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 104.9900, 8.3859, -29.8092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

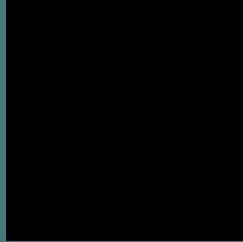
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.9900, 8.3859, -29.8092

Background



This preview shows how black text looks on a background with the YUV color 104.9900, 8.3859, -29.8092.



This preview shows how white text looks on a background with the YUV color 104.9900, 8.3859,

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

104.9900, 8.3859, -29.8092

Protanopia

110.9830, 2.4734, 0.0149

Deuteranopia

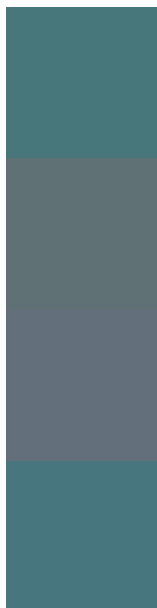
111.9170, 5.9569, 2.7038



Tritanopia

105.6850, 11.0013, -28.6647

Trichromacy



Original Color

104.9900, 8.3859, -29.8092

Protanomaly

108.4870, 4.6899, -10.9511

Deuteranomaly

109.3670, 6.7211, -9.0919

Tritanomaly

105.1580, 10.2751, -29.0796

Monochromacy



Original Color

104.9900, 8.3859, -29.8092

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0310, 2.9427, -10.5512

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9900, 8.3859, -29.8092 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(71, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(71, 119, 122)  
}
```

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(71, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 119, 122) }
```

Border

The CSS property to change the border of an element to YUV 104.9900, 8.3859, -29.8092 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(71, 119, 122) }
```


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

```
.border{ border-color:rgb(71, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(71, 119,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 104.9900, 8.3859, -29.8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 119, 122) }
```

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

```
.background{ background-color: rgb(71, 119,  
122) }
```

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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