

Converting Colors

YUV(68.9900, 8.3859, -29.8092)

Have a look what the booklet for
YUV(68.9900, 8.3859, -29.8092)
contains.

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Color

**YUV(68.9900, 8.3859,
-29.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	235356
RGB	35, 83, 86
RGB Percent	14%, 33%, 34%
CMY	0.8627, 0.6745, 0.6627
CMYK	0.59, 0.03, 0.00, 0.66
HSL	184°, 42%, 24%
HSV	184°, 59%, 34%
XYZ	5.4661, 7.2157, 9.9088
YIQ	68.9900, -29.5710, -9.2430

Conversions

Conversions Part 2

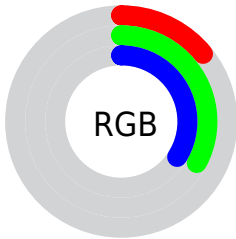
Format	Color
R_{YB}	35, 60, 86
Decimal	2315094
CIE Lab	32.29, -15.16, -6.70
CIE LCh	32, 16.576, 203.827
Yxy	7.2157, 0.2420, 0.3194
Android (android.graphics.Color)	4280505174 (0xFF235356)
YUV	68.9900, 8.3859, -29.8092
Hunter-Lab	26.8621, -10.6861, -3.0672

Details

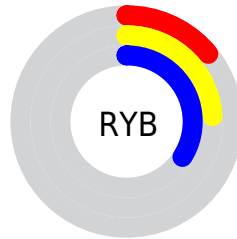
The YUV color **68.9900, 8.3859, -29.8092** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **52.0100, -8.3859, 29.8092**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9900, 8.3859, -29.8092**, and **26.9800, 6.9119, -23.6615** is the 20% darker color. If you saturate the color by 10%, you get **65.7120, 10.0020, -34.8274**, and if you desaturate by 10%, it is **72.2680, 6.7699, -24.7910**.

Distribution



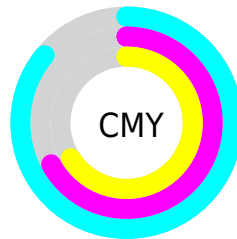
- Red (14%)
- Green (33%)
- Blue (34%)



- Red (14%)
- Yellow (24%)
- Blue (34%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (66%)



- Cyan (86%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9900, 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 68.9900, 8.3859, -29.8092 by changing the saturation by 10% instead.

68.9900, 8.3859,
-29.8092

68.9900, 8.3859,
-29.8092

255.0000, 0.0000,
0.0000

43.8970, 9.4178,
-34.1127

118.9900, 8.3859,
-29.8092

26.9800, 6.9119,
-23.6615

144.9900, 8.3859,
-29.8092

11.7860, 4.5425,
-10.3363

171.6910, 8.5333,
-30.4240

0.0000, 0.0000,
0.0000

199.3920, 8.6807,
-31.0388

227.3920, 8.6807,
-31.0388

244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

68.9900, 8.3859,
-29.8092

68.9900, 8.3859,
-29.8092

65.7120, 10.0020,
-34.8274

72.2680, 6.7699,
-24.7910

63.3200, 11.1812,
-39.7456

74.6600, 5.5906,
-19.8728

60.0420, 12.7973,
-44.7638

77.9380, 3.9746,
-14.8546

57.6500, 13.9766,
-49.6820

80.3300, 2.7953,
-9.9364

57.3510, 14.1240,
-50.2968

83.6080, 1.1793,
-4.9182

■ 86.2990, -0.1474,
0.6148

■ 89.2780, -1.6161,
5.0182

■ 91.9690, -2.9427,
10.5512

■ 94.9480, -4.4114,
14.9546

Harmonies

Analogous

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



70.4980, 1.2335, -22.3617



68.9900, 8.3859, -29.8092



70.2660, 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.



68.9900, 8.3859, -29.8092



77.7870, 6.5140, 10.7108



75.4500, -12.5469, 11.0063

Complementary

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



68.9900, 8.3859, -29.8092



52.0100, -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.



76.6620, -10.6794, 18.7134



68.9900, 8.3859, -29.8092



78.2350, 0.3771, 19.0879

Square

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



68.9900, 8.3859, -29.8092



76.9640, 11.3567, -2.5994



77.3510, -5.5960, 21.6172



73.8400, -10.7671, 0.1403

Rectangle

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



68.9900, 8.3859, -29.8092



72.5380, 14.0318, -20.6428



77.3510, -5.5960, 21.6172



75.8740, -12.2629, 13.2655

Sweetspot

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



68.9900, 8.3859, -29.8092



105.4330, 3.2375, -11.7807



65.2790, -13.4485, -26.5547



51.8250, 2.0583, -6.8625



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



68.9900, 8.3859, -29.8092



86.0310, 12.8027, -46.5082



54.3150, 15.6207, -16.9393



41.8040, 0.5896, -2.4591



71.4850, 17.5089, -62.6923



156.5170, 38.6921, -137.2654

Inverse Universe

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



55.7210, 13.4485, 26.5547



65.1710, 21.1147, 41.0690



66.6850, -15.6207, 16.9393



40.6520, 1.1576, 2.0592



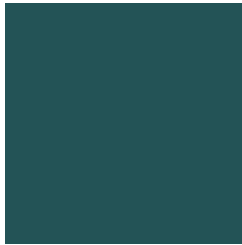
43.5070, 28.3440, 55.6834



95.4590, 61.8917, 122.3775

Previews

White Background



This preview shows how the YUV color 68.9900, 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 ✓ Pass

Black Background



This preview shows how the YUV color 68.9900, 8.3859, -29.8092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

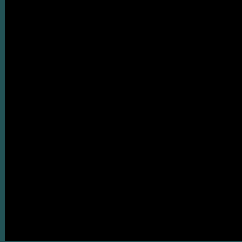
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9900, 8.3859, -29.8092

Background



This preview shows how black text looks on a background with the YUV color 68.9900, 8.3859, -29.8092.



This preview shows how white text looks on a background with the YUV color 68.9900, 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

68.9900, 8.3859, -29.8092

Protanopia

75.6840, 2.6208, -0.5999

Deuteranopia

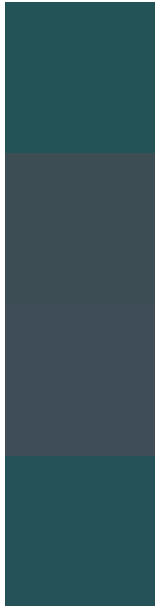
76.4930, 5.6730, 0.4446



Tritanopia

69.0440, 9.8383, -28.9796

Trichromacy



Original Color

68.9900, 8.3859, -29.8092

Protanomaly

73.1880, 4.8373, -11.5659

Deuteranomaly

73.6550, 6.5791, -10.2214

Tritanomaly

68.9300, 9.4015, -28.8796

Monochromacy



Original Color

68.9900, 8.3859, -29.8092

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0310, 2.9427, -10.5512

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9900, 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(35, 83, 86)` looks like.

```
.text, #text, p{  
    color:rgb(35, 83, 86)  
}
```

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(35, 83, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 83, 86) }
```

Border

The CSS property to change the border of an element to YUV 68.9900, 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(35, 83, 86) }
```


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

```
.border{ border-color:rgb(35, 83, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 83, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 83, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 83, 86);  
box-shadow:4px 4px 4px 4px rgb(35, 83, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9900, 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(35, 83, 86) }
```

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

```
.background{ background-color: rgb(35, 83,  
86) }
```

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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