

Converting Colors

YUV(100.5990, -35.2983,
28.4157)

Have a look what the booklet for
YUV(100.5990, -35.2983, 28.4157)
contains.

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Color

**YUV(100.5990, -35.2983,
28.4157)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 85621D |
| RGB | 133, 98, 29 |
| RGB Percent | 52%, 38%, 11% |
| CMY | 0.4784, 0.6157, 0.8863 |
| CMYK | 0.00, 0.26, 0.78, 0.48 |
| HSL | 40°, 64%, 32% |
| HSV | 40°, 78%, 52% |
| XYZ | 14.2623, 13.8106, 3.0764 |
| YIQ | 100.5990, 43.0090, -14.0390 |

Conversions

Conversions Part 2

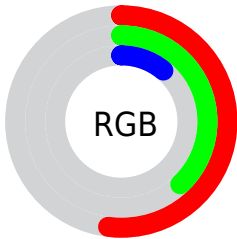
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 82, 133, 29 |
| Decimal | 8741405 |
| CIE _{Lab} | 43.96, 7.25, 42.46 |
| CIE _{LCh} | 44, 43.079, 80.313 |
| Yxy | 13.8106, 0.4579, 0.4434 |
| Android (android.graphics.Color) | 4286931485 (0xFF85621D) |
| YUV | 100.5990, -35.2983, 28.4157 |
| Hunter-Lab | 37.1626, 3.4703, 21.1057 |

Details

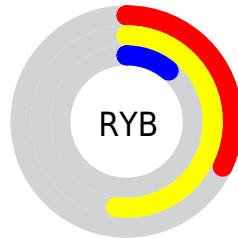
The YUV color **100.5990, -35.2983, 28.4157** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **61.4010, 35.2983, -28.4157**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2790, -36.6195, 32.2043**, and **54.4440, -26.8409, 22.4126** is the 20% darker color. If you saturate the color by 10%, you get **96.7690, -39.8191, 31.7746**, and if you desaturate by 10%, it is **104.4290, -30.7775, 25.0568**.

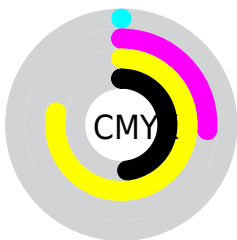
Distribution



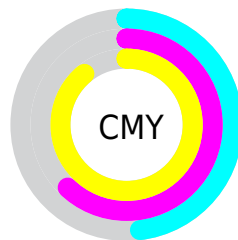
- Red (52%)
- Green (38%)
- Blue (11%)



- Red (32%)
- Yellow (52%)
- Blue (11%)



- Cyan (0%)
- Magenta (26%)
- Yellow (78%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5990, -35.2983, 28.4157 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 100.5990, -35.2983, 28.4157 by changing the saturation by 10% instead.

100.5990,
-35.2983, 28.4157

100.5990,
-35.2983, 28.4157

255.0000, 0.0000,
0.0000

75.2460, -36.6033,
26.9713

152.2790,
-36.6195, 32.2043

54.4440, -26.8409,
22.4126

179.9480,
-37.9354, 34.2486

34.0440, -16.7837,
16.6244

207.4320,
-38.6670, 35.5781

13.3670, -6.5899,
13.7101

229.0390,
-36.0082, 22.7678

0.0000, 0.0000,
0.0000

246.7920,
-31.4495, 7.1984

249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

100.5990,
-35.2983, 28.4157

100.5990,
-35.2983, 28.4157

96.7690, -39.8191,
31.7746

104.4290,
-30.7775, 25.0568

92.2380, -44.4873,
35.7483

108.9600,
-26.1093, 21.0831

91.4230, -45.0715,
36.4630

112.7900,
-21.5885, 17.7242

117.2070,
-17.3571, 13.8505

121.0370,
-12.8362, 10.4916

■ 125.5680, -8.1680,
6.5179

■ 129.3980, -3.6472,
3.1590

■ 133.8150, 0.5842,
-0.7148

■ 137.7590, 5.5418,
-4.1736

Harmonies

Analogous

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



102.2500, -25.7592, 48.8927



100.5990, -35.2983, 28.4157



97.4170, -32.7436, 2.2653

Triad

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



100.5990, -35.2983, 28.4157



85.6190, 20.8938, -75.0879



107.0720, 21.1635, 25.3699

Complementary

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



100.5990, -35.2983, 28.4157



61.4010, 35.2983, -28.4157

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.



102.7230, 33.6606, -16.4201



100.5990, -35.2983, 28.4157



87.2780, 34.8659, -76.5428

Square

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



100.5990, -35.2983, 28.4157



81.4010, 4.7323, -71.3887



84.9930, 43.8805, -74.5389



104.9260, 5.9525, 50.9309

Rectangle

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



100.5990, -35.2983, 28.4157



94.5760, -23.9480, -18.9222



84.9930, 43.8805, -74.5389



106.8470, 25.7114, 13.2892

Sweetspot

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



100.5990, -35.2983, 28.4157



160.9230, -13.2730, 10.5915



64.2000, 0.3944, 60.3376



79.4540, -8.6048, 6.6178



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



100.5990, -35.2983, 28.4157



122.7200, -55.5710, 44.0956



116.3600, -43.0685, 0.5613



64.1420, -2.0420, 1.6295



89.3520, -44.0505, 35.6483



2.0710, -1.0210, 0.8147

Inverse Universe

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



61.4010, 35.2983, -28.4157



60.8670, 55.2816, -44.6104



45.6400, 43.0685, -0.5613



61.8580, 2.0420, -1.6295



40.6480, 44.0505, -35.6483



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 100.5990, -35.2983, 28.4157 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 100.5990, -35.2983, 28.4157 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 100.5990, -35.2983, 28.4157

Background



This preview shows how black text looks on a background with the YUV color 100.5990, -35.2983, 28.4157.



This preview shows how white text looks on a background with the YUV color 100.5990, -35.2983, 28.4157.

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

100.5990, -35.2983, 28.4157

Protanopia

99.5650, -33.8025, 15.2905

Deuteranopia

100.5880, -35.2929, 26.6713



Tritanopia

106.1390, -4.0125, 27.0651

Trichromacy



Original Color

100.5990, -35.2983, 28.4157

Protanomaly

100.0710, -34.5450, 20.1087

Deuteranomaly

100.8870, -35.4403, 27.2861

Tritanomaly

104.1640, -15.3639, 27.9202

Monochromacy



Original Color

100.5990, -35.2983, 28.4157

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0370, -12.8362, 10.4916

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5990, -35.2983, 28.4157 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(133, 98, 29)` looks like.

```
.text, #text, p{  
    color:rgb(133, 98, 29)  
}
```

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(133, 98, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 98, 29) }
```

Border

The CSS property to change the border of an element to YUV 100.5990, -35.2983, 28.4157 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(133, 98, 29) }
```


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

```
.border{ border-color:rgb(133, 98, 29) }
```

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

Here you see how a box with a 4 pixel rgb(133, 98, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 98, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 98, 29);  
box-shadow:4px 4px 4px 4px rgb(133, 98,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 100.5990, -35.2983, 28.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 98, 29) }
```

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

```
.background{ background-color: rgb(133, 98,  
29) }
```

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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