

Converting Colors

YUV(154.5900, -28.3919,
6.4986)

Have a look what the booklet for
YUV(154.5900, -28.3919, 6.4986)
contains.

YUV(154.5900, -28.3919, 6.4986)	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>	31

Color

**YUV(154.5900, -28.3919,
6.4986)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A261
RGB	162, 162, 97
RGB Percent	64%, 64%, 38%
CMY	0.3647, 0.3647, 0.6196
CMYK	0.00, 0.00, 0.40, 0.36
HSL	60°, 26%, 51%
HSV	60°, 40%, 64%
XYZ	29.9783, 34.3851, 16.3662
YIQ	154.5900, 20.8650, -20.2150

Conversions

Conversions Part 2

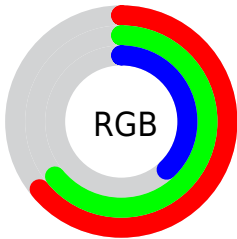
Format	Color
RYB	97, 162, 97
Decimal	10658401
CIELab	65.27, -9.94, 33.78
CIELCh	65, 35.209, 106.397
Yxy	34.3851, 0.3713, 0.4259
Android (android.graphics.Color)	4288848481 (0xFFA2A261)
YUV	154.5900, -28.3919, 6.4986
Hunter-Lab	58.6388, -11.3623, 24.4992

Details

The YUV color **154.5900, -28.3919, 6.4986** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **104.4100, 28.3919, -6.4986**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5470, -29.8497, 7.4133**, and **103.3340, -26.7867, 4.9691** is the 20% darker color. If you saturate the color by 10%, you get **152.7660, -35.3806, 8.0982**, and if you desaturate by 10%, it is **156.4140, -21.4031, 4.8989**.

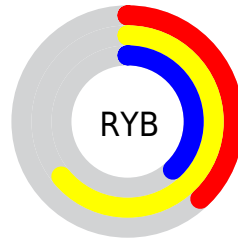
Distribution



Red (64%)

Green (64%)

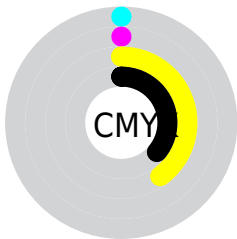
Blue (38%)



Red (38%)

Yellow (64%)

Blue (38%)

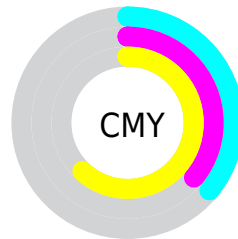


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5900, -28.3919, 6.4986 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 154.5900, -28.3919, 6.4986 by changing the saturation by 10% instead.

■ 154.5900,
-28.3919, 6.4986

■ 154.5900,
-28.3919, 6.4986

■ 255.0000, 0.0000,
0.0000

■ 128.4050,
-27.8077, 5.7838

■ 209.5470,
-29.8497, 7.4133

■ 103.3340,
-26.7867, 4.9691

■ 237.7320,
-30.4339, 8.1280

■ 78.4480, -26.3499,
4.8691

■ 249.0720,
-22.7135, 5.1989

■ 54.6220, -26.9286,
3.8395

■ 252.3780,
-10.0464, 2.2995

■ 34.8310, -17.1717,
1.0252

■ 14.1100, -6.9562,
-8.8665

■ 0.0000, 0.0000,

0.0000

■ 154.5900,
-28.3919, 6.4986

■ 154.5900,
-28.3919, 6.4986

■ 152.7660,
-35.3806, 8.0982

■ 156.4140,
-21.4031, 4.8989

■ 150.9420,
-42.3694, 9.6979

■ 158.2380,
-14.4143, 3.2993

■ 149.0040,
-49.7950, 11.3975

■ 160.1760, -6.9888,
1.5996

■ 147.1800,
-56.7837, 12.9971

■ 162.0000, 0.0000,
0.0000

■ 145.3560,
-63.7725, 14.5968

■ 163.8240, 6.9888,
-1.5996

■ 143.5320,
-70.7613, 16.1964

■ 165.6480, 13.9775,
-3.1993

■ 167.4720, 20.9663,
-4.7989

■ 169.4100, 28.3919,
-6.4986

■ 171.2340, 35.3806,
-8.0982

Harmonies

Analogous

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



157.6900, -29.9202, 30.0899



154.5900, -28.3919, 6.4986



150.4600, -17.9748, -21.4514

Triad

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



154.5900, -28.3919, 6.4986



135.1580, 33.4461, -87.8386



162.7570, 5.5428, 42.3091

Complementary

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



154.5900, -28.3919, 6.4986



104.4100, 28.3919, -6.4986

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.



162.5720, 19.4380, 18.7924



154.5900, -28.3919, 6.4986



148.7200, 34.6480, -53.2514

Square

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



154.5900, -28.3919, 6.4986



135.2330, 19.6051, -81.7653



158.6970, 29.7294, -15.5203



160.6260, -9.1826, 52.0710

Rectangle

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



154.5900, -28.3919, 6.4986



146.4990, -7.1480, -40.7796



158.6970, 29.7294, -15.5203



162.9780, 10.3638, 35.9763

Sweetspot

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



154.5900, -28.3919, 6.4986



209.0360, -11.3567, 2.5994



116.4350, -9.5815, 39.9605



105.2900, -6.5520, 1.4997



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



154.5900, -28.3919, 6.4986



200.3720, -44.5534, 10.1978



145.0220, -23.6748, -13.1743



80.9740, -3.9312, 0.8998



128.4700, -63.3357, 14.4968



15.9480, -7.8624, 1.7996

Inverse Universe

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



104.4100, 28.3919, -6.4986



121.6280, 44.5534, -10.1978



114.2770, 23.5274, 13.7891



74.0260, 3.9312, -0.8998



16.5300, 63.3357, -14.4968



2.0520, 7.8624, -1.7996

Previews

White Background



This preview shows how the YUV color 154.5900, -28.3919, 6.4986 looks on a white 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

Black Background



This preview shows how the YUV color 154.5900, -28.3919, 6.4986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

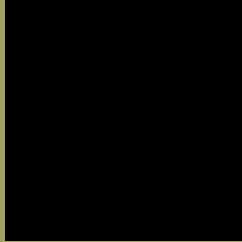
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.5900, -28.3919, 6.4986

Background



This preview shows how black text looks on a background with the YUV color 154.5900, -28.3919, 6.4986.



This preview shows how white text looks on a background with the YUV color 154.5900, -28.3919, 6.4986.

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

154.5900, -28.3919, 6.4986

Protanopia

155.4170, -29.2926, 15.4203

Deuteranopia

157.0320, -28.6098, 29.7899



Tritanopia

160.1520, 2.8831, 8.6367

Trichromacy



Original Color

154.5900, -28.3919, 6.4986

Protanomaly

154.8080, -28.9923, 12.4464

Deuteranomaly

155.9770, -28.5827, 21.0682

Tritanomaly

158.1660, -8.4628, 7.7474

Monochromacy



Original Color

154.5900, -28.3919, 6.4986

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2640, -10.4832, 2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5900, -28.3919, 6.4986 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(162, 162, 97)` looks like.

```
.text, #text, p{  
    color:rgb(162, 162, 97)  
}
```

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(162, 162, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 162, 97) }
```

Border

The CSS property to change the border of an element to YUV 154.5900, -28.3919, 6.4986 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(162, 162, 97) }
```


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

```
.border{ border-color:rgb(162, 162, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 162, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 162, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 162, 97);  
box-shadow:4px 4px 4px 4px rgb(162, 162,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 154.5900, -28.3919, 6.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 162, 97) }
```

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

```
.background{ background-color: rgb(162,  
162, 97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor