

Converting Colors

YUV(154.1900, -28.1947,
36.6674)

Have a look what the booklet for
YUV(154.1900, -28.1947, 36.6674)
contains.

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Color

**YUV(154.1900, -28.1947,
36.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	C49061
RGB	196, 144, 97
RGB Percent	77%, 56%, 38%
CMY	0.2314, 0.4353, 0.6196
CMYK	0.00, 0.27, 0.51, 0.23
HSL	28°, 46%, 57%
HSV	28°, 51%, 77%
XYZ	34.8959, 32.5453, 15.7519
YIQ	154.1900, 46.0790, -3.5930

Conversions

Conversions Part 2

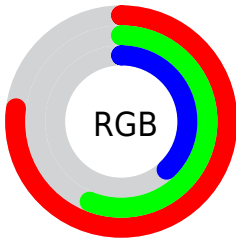
Format	Color
R_{YB}	196, 186, 97
Decimal	12882017
CIE _{Lab}	63.79, 14.10, 32.58
CIE _{LCh}	64, 35.499, 66.598
Yxy	32.5453, 0.4195, 0.3912
Android (android.graphics.Color)	4291072097 (0xFFC49061)
YUV	154.1900, -28.1947, 36.6674
Hunter-Lab	57.0485, 9.3513, 23.5631

Details

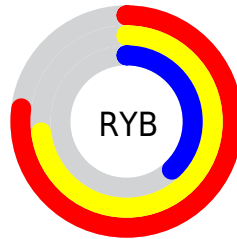
The YUV color **154.1900, -28.1947, 36.6674** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **138.8100, 28.1947, -36.6674**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3430, -30.2421, 40.0412**, and **102.6240, -26.4366, 32.7788** is the 20% darker color. If you saturate the color by 10%, you get **146.0400, -34.0367, 43.8149**, and if you desaturate by 10%, it is **162.3400, -22.3526, 29.5198**.

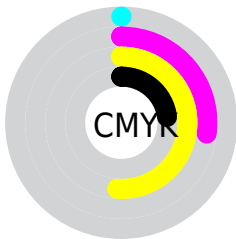
Distribution



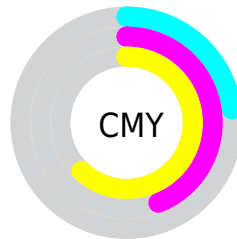
- Red (77%)
- Green (56%)
- Blue (38%)



- Red (77%)
- Yellow (73%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (23%)



- Cyan (23%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1900, -28.1947, 36.6674 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 154.1900, -28.1947, 36.6674 by changing the saturation by 10% instead.

■ 154.1900,
-28.1947, 36.6674

■ 154.1900,
-28.1947, 36.6674

■ 255.0000, 0.0000,
0.0000

■ 127.5210,
-26.8789, 34.6231

■ 209.3430,
-30.2421, 40.0412

■ 102.6240,
-26.4366, 32.7788

■ 228.8570,
-26.5515, 22.9274

■ 77.6560, -24.9734,
30.1197

■ 249.0720,
-22.7135, 5.1989

■ 53.5310, -25.4048,
28.4753

■ 252.2640,
-10.4832, 2.3995

■ 33.2020, -16.3686,
23.5018

■ 11.9380, -5.8854,
21.1024

■ 0.0000, 0.0000,

0.0000

■ 154.1900,
-28.1947, 36.6674

■ 154.1900,
-28.1947, 36.6674

■ 146.0400,
-34.0367, 43.8149

■ 162.3400,
-22.3526, 29.5198

■ 137.4170,
-39.1526, 51.3773

■ 170.9630,
-17.2368, 21.9574

■ 129.2670,
-44.9946, 58.5248

■ 179.1130,
-11.3947, 14.8099

■ 121.2310,
-50.3999, 65.5724

■ 187.1490, -5.9895,
7.7623

■ 113.1950,
-55.8051, 72.6200

■ 195.2990, -0.1474,
0.6148

■ 204.0360, 5.4053,
-7.0476

■ 212.0720, 10.8105,
-14.0951

■ 220.2220, 16.6526,
-21.2427

■ 226.7930, 13.9061,
-27.0055

Harmonies

Analogous

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



155.7970, -18.6339, 50.1670



154.1900, -28.1947, 36.6674



151.8900, -30.0188, 15.0055

Triad

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



154.1900, -28.1947, 36.6674



134.2680, 13.1789, -73.9030



157.8310, 23.2543, 8.0412

Complementary

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



154.1900, -28.1947, 36.6674



138.8100, 28.1947, -36.6674

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.



151.6030, 32.2407, -27.7158



154.1900, -28.1947, 36.6674



123.0590, 33.4949, -103.5377

Square

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



154.1900, -28.1947, 36.6674



142.2000, -7.0006, -41.3944



139.8600, 35.5650, -67.4062



158.9780, 10.3638, 35.9763

Rectangle

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



154.1900, -28.1947, 36.6674



149.2190, -25.7440, -2.8231



139.8600, 35.5650, -67.4062



156.6770, 26.7812, -3.2247

Sweetspot

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



154.1900, -28.1947, 36.6674



238.9280, -10.8105, 14.0951



132.6430, 8.5570, 55.5641



117.7470, -6.2843, 8.9919



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



154.1900, -28.1947, 36.6674



189.0820, -44.4104, 57.8101



182.9530, -42.3748, 11.4422



92.9250, -2.9210, 3.5738



92.7510, -45.7262, 59.8544



19.2590, -9.4947, 12.0509

Inverse Universe

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



138.8100, 28.1947, -36.6674



164.9180, 44.4104, -57.8101



110.0470, 42.3748, -11.4422



91.0750, 2.9210, -3.5738



67.6620, 46.0156, -59.3396



13.7410, 9.4947, -12.0509

Previews

White Background



This preview shows how the YUV color 154.1900, -28.1947, 36.6674 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 154.1900, -28.1947, 36.6674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

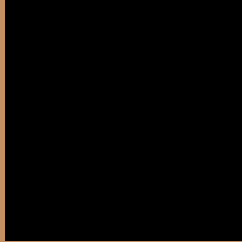
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.1900, -28.1947, 36.6674

Background



This preview shows how black text looks on a background with the YUV color 154.1900, -28.1947, 36.6674.



This preview shows how white text looks on a background with the YUV color 154.1900, -28.1947,

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

154.1900, -28.1947, 36.6674

Protanopia

152.7310, -25.5034, 13.3909

Deuteranopia

153.7330, -28.4624, 29.1752



Tritanopia

157.6780, -4.7713, 37.1164

Trichromacy



Original Color

154.1900, -28.1947, 36.6674

Protanomaly

153.2590, -26.2567, 21.6979

Deuteranomaly

154.0430, -28.6152, 31.5343

Tritanomaly

156.3870, -13.5018, 37.3716

Monochromacy



Original Color

154.1900, -28.1947, 36.6674

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7430, -10.2263, 13.3804

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1900, -28.1947, 36.6674 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(196, 144, 97)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 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(196, 144, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 97) }
```

Border

The CSS property to change the border of an element to YUV 154.1900, -28.1947, 36.6674 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(196, 144, 97) }
```


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

```
.border{ border-color:rgb(196, 144, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 97);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 154.1900, -28.1947, 36.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 97) }
```

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

```
.background{ background-color: rgb(196,  
144, 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](#).

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