

Converting Colors

YUV(154.8600, -21.1300,
10.6468)

Have a look what the booklet for
YUV(154.8600, -21.1300, 10.6468)
contains.

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Color

**YUV(154.8600, -21.1300,
10.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	A79D70
RGB	167, 157, 112
RGB Percent	65%, 62%, 44%
CMY	0.3451, 0.3843, 0.5608
CMYK	0.00, 0.06, 0.33, 0.35
HSL	49°, 24%, 55%
HSV	49°, 33%, 65%
XYZ	30.9180, 33.4993, 20.1657
YIQ	154.8600, 20.4050, -11.8750

Conversions

Conversions Part 2

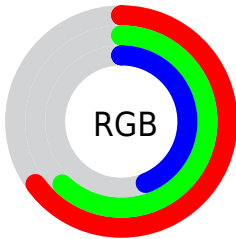
Format	Color
RYB	124, 167, 112
Decimal	10984816
CIELab	64.56, -3.39, 24.90
CIElCh	65, 25.129, 97.742
Yxy	33.4993, 0.3655, 0.3961
Android (android.graphics.Color)	4289174896 (0xFFA79D70)
YUV	154.8600, -21.1300, 10.6468
Hunter-Lab	57.8786, -5.9352, 19.8575

Details

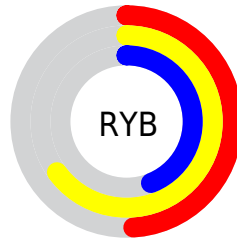
The YUV color **154.8600, -21.1300, 10.6468** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **124.1400, 21.1300, -10.6468**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2300, -22.2984, 12.0763**, and **103.6040, -19.5248, 9.1173** is the 20% darker color. If you saturate the color by 10%, you get **151.1610, -27.6874, 13.8908**, and if you desaturate by 10%, it is **158.5590, -14.5726, 7.4028**.

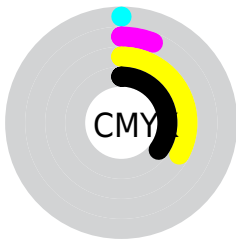
Distribution



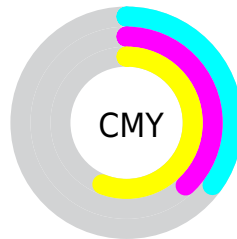
- Red (65%)
- Green (62%)
- Blue (44%)



- Red (49%)
- Yellow (65%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8600, -21.1300, 10.6468 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 154.8600, -21.1300, 10.6468 by changing the saturation by 10% instead.

■ 154.8600,
-21.1300, 10.6468

■ 154.8600,
-21.1300, 10.6468

■ 255.0000, 0.0000,
0.0000

■ 128.6750,
-20.5458, 9.9320

■ 209.2300,
-22.2984, 12.0763

■ 103.6040,
-19.5248, 9.1173

■ 238.0020,
-23.1720, 12.2762

■ 79.4190, -18.9406,
8.4025

■ 250.8960,
-15.7247, 3.5992

■ 56.2340, -18.3564,
7.6878

■ 254.2020, -3.0576,
0.6998

■ 34.5760, -17.0460,
7.3878

■ 14.7630, -7.2782,
1.0848

■ 0.0000, 0.0000,

0.0000

■ 154.8600,
-21.1300, 10.6468

■ 154.8600,
-21.1300, 10.6468

■ 151.1610,
-27.6874, 13.8908

■ 158.5590,
-14.5726, 7.4028

■ 147.5760,
-33.8080, 17.0348

■ 162.1440, -8.4520,
4.2587

■ 143.8770,
-40.3654, 20.2789

■ 165.8430, -1.8946,
1.0147

■ 140.1780,
-46.9228, 23.5229

■ 169.5420, 4.6628,
-2.2293

■ 136.4790,
-53.4801, 26.7669

■ 173.1270, 10.7834,
-5.3734

■ 132.8940,
-59.6007, 29.9110

■ 176.8260, 17.3408,
-8.6174

■ 130.3520,
-64.2635, 32.1403

■ 180.5250, 23.8982,
-11.8614

■ 184.2240, 30.4556,
-15.1054

■ 187.0110, 33.5186,
-17.5496

Harmonies

Analogous

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



156.6000, -20.0158, 26.6608



154.8600, -21.1300, 10.6468



151.9330, -15.2500, -8.7112

Triad

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



154.8600, -21.1300, 10.6468



146.0890, 18.1971, -50.0671



160.0000, 6.9020, 26.3100

Complementary

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



154.8600, -21.1300, 10.6468



124.1400, 21.1300, -10.6468

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.



159.2840, 16.1290, 6.7669



154.8600, -21.1300, 10.6468



149.8330, 23.2533, -38.4415

Square

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



154.8600, -21.1300, 10.6468



146.0760, 7.8505, -44.7937



156.0360, 22.1673, -16.6946



159.4930, -4.1870, 36.4016

Rectangle

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



154.8600, -21.1300, 10.6468



150.4520, -9.0968, -22.3214



156.0360, 22.1673, -16.6946



160.1780, 10.2652, 20.8919

Sweetspot

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



154.8600, -21.1300, 10.6468



212.1440, -8.4520, 4.2587



129.5850, -3.7394, 32.8130



106.6430, -5.2470, 2.9441



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



154.8600, -21.1300, 10.6468



197.6900, -33.3712, 16.9349



155.6470, -21.5180, -4.9524



82.5010, -3.2050, 1.3146



115.2790, -56.8325, 28.6963



15.9590, -7.8678, 3.5440

Inverse Universe

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



124.1400, 21.1300, -10.6468



149.3100, 33.3712, -16.9349



123.3530, 21.5180, 4.9524



77.4990, 3.2050, -1.3146



32.7210, 56.8325, -28.6963



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 154.8600, -21.1300, 10.6468 looks on a white background.

Color Contrast Check

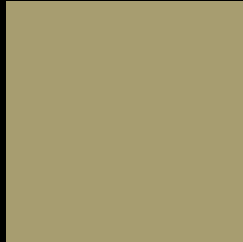
Large Text (above 18pt) WCAG AA × Fail

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 154.8600, -21.1300, 10.6468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

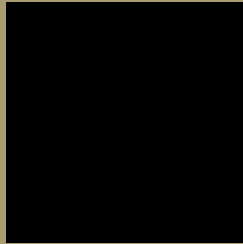
Any Text WCAG AA ✓ Pass

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 154.8600, -21.1300, 10.6468 Background



This preview shows how black text looks on a background with the YUV color 154.8600, -21.1300, 10.6468.



This preview shows how white text looks on a background with the YUV color 154.8600, -21.1300, 10.6468.

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

154.8600, -21.1300, 10.6468

Protanopia

154.8710, -21.1354, 12.3911

Deuteranopia

156.5460, -21.4682, 25.8312



Tritanopia

158.8320, 1.5618, 12.4253

Trichromacy



Original Color

154.8600, -21.1300, 10.6468

Protanomaly

154.5720, -20.9880, 11.7764

Deuteranomaly

156.2140, -21.3045, 19.9833

Tritanomaly

157.3560, -6.5845, 11.9658

Monochromacy



Original Color

154.8600, -21.1300, 10.6468

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9590, -7.8678, 3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8600, -21.1300, 10.6468 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(167, 157, 112)` looks like.

```
.text, #text, p{  
    color:rgb(167, 157, 112)  
}
```

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(167, 157, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 157, 112) }
```

Border

The CSS property to change the border of an element to YUV 154.8600, -21.1300, 10.6468 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(167, 157, 112) }
```


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

```
.border{ border-color:rgb(167, 157, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 157, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 157, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 157, 112);  
box-shadow:4px 4px 4px 4px rgb(167, 157,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 154.8600, -21.1300, 10.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 157, 112) }
```

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

```
.background{ background-color: rgb(167,  
157, 112) }
```

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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