

Converting Colors

YUV(154.2980, -48.9539,
21.6637)

Have a look what the booklet for
YUV(154.2980, -48.9539, 21.6637)
contains.

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Color

**YUV(154.2980, -48.9539,
21.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A137
RGB	179, 161, 55
RGB Percent	70%, 63%, 22%
CMY	0.2980, 0.3686, 0.7843
CMYK	0.00, 0.10, 0.69, 0.30
HSL	51°, 53%, 46%
HSV	51°, 69%, 70%
XYZ	32.0249, 35.3493, 8.7496
YIQ	154.2980, 44.7540, -29.1500

Conversions

Conversions Part 2

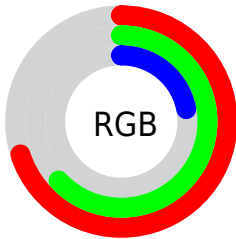
Format	Color
RYB	76, 179, 55
Decimal	11772215
CIELab	66.02, -5.61, 55.11
CIELCh	66, 55.392, 95.810
Yxy	35.3493, 0.4207, 0.4644
Android (android.graphics.Color)	4289962295 (0xFFB3A137)
YUV	154.2980, -48.9539, 21.6637
Hunter-Lab	59.4553, -7.8998, 32.8934

Details

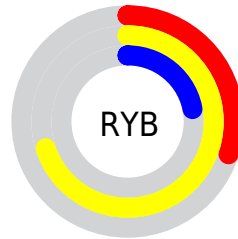
The YUV color **154.2980, -48.9539, 21.6637** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **79.7020, 48.9539, -21.6637**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9670, -50.2697, 23.7079**, and **101.3470, -49.9641, 18.9897** is the 20% darker color. If you saturate the color by 10%, you get **150.4850, -55.9481, 25.0077**, and if you desaturate by 10%, it is **158.1110, -41.9597, 18.3197**.

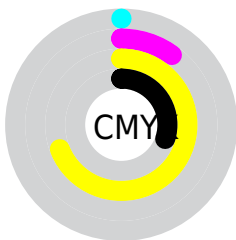
Distribution



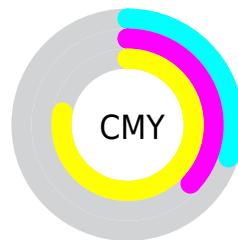
- Red (70%)
- Green (63%)
- Blue (22%)



- Red (30%)
- Yellow (70%)
- Blue (22%)



- Cyan (0%)
- Magenta (10%)
- Yellow (69%)
- Black (30%)



- Cyan (30%)
- Magenta (37%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2980, -48.9539, 21.6637 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 154.2980, -48.9539, 21.6637 by changing the saturation by 10% instead.

■ 154.2980,
-48.9539, 21.6637

■ 154.2980,
-48.9539, 21.6637

■ 255.0000, 0.0000,
0.0000

■ 127.3580,
-49.9695, 20.7340

■ 209.9670,
-50.2697, 23.7079

■ 101.3470,
-49.9641, 18.9897

■ 234.8630,
-49.2325, 17.6601

■ 79.1860, -39.0387,
14.7459

■ 244.3980,
-40.6222, 9.2980

■ 57.6120, -28.4027,
9.9873

■ 247.5900,
-28.3919, 6.4986

■ 37.2230, -18.3509,
5.9434

■ 250.7820,
-16.1615, 3.6992

■ 17.7090, -8.7305,
0.2552

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 154.2980,
-48.9539, 21.6637

■ 154.2980,
-48.9539, 21.6637

■ 150.4850,
-55.9481, 25.0077

■ 158.1110,
-41.9597, 18.3197

■ 147.2590,
-63.2317, 27.8369

■ 161.3370,
-34.6761, 15.4905

■ 143.4460,
-70.2259, 31.1809

■ 165.1500,
-27.6819, 12.1465

■ 143.3320,
-70.6627, 31.2808

■ 168.3760,
-20.3984, 9.3172

■ 172.1890,
-13.4042, 5.9732

■ 175.8880, -6.8468,
2.7292

■ 179.1140, 0.4368,
-0.1000

■ 182.9270, 7.4310,
-3.4440

■ 186.1530, 14.7146,
-6.2732

Harmonies

Analogous

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



157.4730, -44.1102, 54.8362



154.2980, -48.9539, 21.6637



148.6610, -36.3149, -18.9967

Triad

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



154.2980, -48.9539, 21.6637



132.1590, 41.8266, -115.9034



164.2870, 18.5925, 56.7533

Complementary

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



154.2980, -48.9539, 21.6637



79.7020, 48.9539, -21.6637

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.



164.0390, 37.9418, 10.4898



154.2980, -48.9539, 21.6637



131.9260, 58.7035, -115.6991

Square

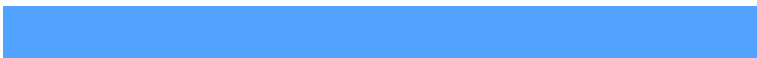
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



154.2980, -48.9539, 21.6637



127.8610, 20.2815, -112.1341



148.9700, 52.2728, -59.6097



160.5830, -3.7384, 79.2957

Rectangle

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



154.2980, -48.9539, 21.6637



141.8060, -19.6244, -52.4499



148.9700, 52.2728, -59.6097



165.3330, 25.4718, 43.5580

Sweetspot

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



154.2980, -48.9539, 21.6637



222.3050, -19.3774, 8.5025



94.2420, -9.9793, 74.3328



111.3460, -11.5096, 4.9586



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



154.2980, -48.9539, 21.6637



193.5620, -76.1991, 33.7101



152.0070, -47.8245, -14.0381



87.3870, -3.6418, 1.4146



122.6440, -60.4635, 26.6222



20.6880, -10.1992, 4.6586

Inverse Universe

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



79.7020, 48.9539, -21.6637



77.4380, 76.1991, -33.7101



81.9930, 47.8245, 14.0381



82.2000, 3.3524, -1.9294



30.3560, 60.4635, -26.6222



5.3120, 10.1992, -4.6586

Previews

White Background



This preview shows how the YUV color 154.2980, -48.9539, 21.6637 looks on a white background.

Color Contrast Check

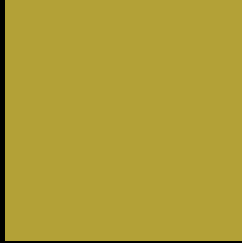
Large Text (above 18pt) WCAG AA × Fail

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 154.2980, -48.9539, 21.6637 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 154.2980, -48.9539, 21.6637

Background



This preview shows how black text looks on a background with the YUV color 154.2980, -48.9539, 21.6637.



This preview shows how white text looks on a background with the YUV color 154.2980, -48.9539, 21.6637.

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

154.2980, -48.9539, 21.6637

Protanopia

154.5970, -49.1013, 22.2784

Deuteranopia

155.6360, -48.1345, 38.9072



Tritanopia

163.3170, -0.6493, 21.6470

Trichromacy



Original Color

154.2980, -48.9539, 21.6637

Protanomaly

154.5970, -49.1013, 22.2784

Deuteranomaly

154.8910, -48.2603, 32.5446

Tritanomaly

160.3220, -18.3997, 21.6426

Monochromacy



Original Color

154.2980, -48.9539, 21.6637

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.3480, -17.9196, 7.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2980, -48.9539, 21.6637 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(179, 161, 55)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 55)  
}
```

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(179, 161, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 55) }
```

Border

The CSS property to change the border of an element to YUV 154.2980, -48.9539, 21.6637 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(179, 161, 55) }
```


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

```
.border{ border-color:rgb(179, 161, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 161, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 161, 55); box-shadow:4px 4px 4px 4px rgb(179, 161, 55) }
```

Background

The CSS property to change the background color of an element to YUV 154.2980, -48.9539, 21.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 55) }
```

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

```
.background{ background-color: rgb(179,  
161, 55) }
```

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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