

Converting Colors

YUV(154.2650, -22.3156,
-29.1734)

Have a look what the booklet for
YUV(154.2650, -22.3156, -29.1734)
contains.

YUV(154.2650, -22.3156, -29.1734)	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(154.2650, -22.3156,
-29.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	79B46D
RGB	121, 180, 109
RGB Percent	47%, 71%, 43%
CMY	0.5255, 0.2941, 0.5725
CMYK	0.33, 0.00, 0.39, 0.29
HSL	110°, 32%, 57%
HSV	110°, 39%, 71%
XYZ	26.9667, 37.8116, 20.3451
YIQ	154.2650, -12.3730, -34.5890

Conversions

Conversions Part 2

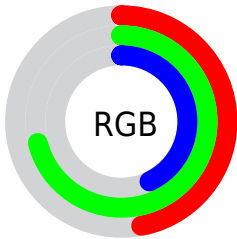
Format	Color
RYB	109, 180, 168
Decimal	7976045
CIELab	67.88, -33.01, 30.28
CIELCh	68, 44.797, 137.466
Yxy	37.8116, 0.3168, 0.4442
Android (android.graphics.Color)	4286166125 (0xFF79B46D)
YUV	154.2650, -22.3156, -29.1734
Hunter-Lab	61.4911, -29.3289, 23.4270

Details

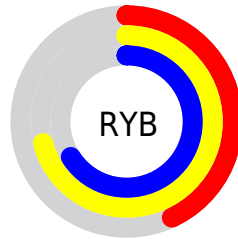
The YUV color **154.2650, -22.3156, -29.1734** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **134.7350, 22.3156, 29.1734**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2110, -23.7680, -30.0030**, and **102.0200, -20.7159, -28.9585** is the 20% darker color. If you saturate the color by 10%, you get **147.7280, -27.9669, -36.5955**, and if you desaturate by 10%, it is **160.8020, -16.6644, -21.7514**.

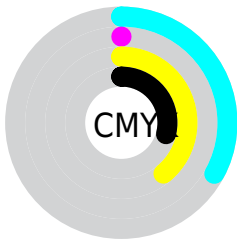
Distribution



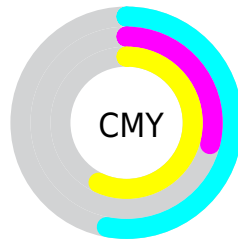
- Red (47%)
- Green (71%)
- Blue (43%)



- Red (43%)
- Yellow (71%)
- Blue (66%)



- Cyan (33%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2650, -22.3156, -29.1734 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 154.2650, -22.3156, -29.1734 by changing the saturation by 10% instead.

■ 154.2650,
-22.3156, -29.1734

■ 154.2650,
-22.3156, -29.1734

■ 255.0000, 0.0000,
0.0000

■ 127.7920,
-21.5895, -28.7586

■ 209.2110,
-23.7680, -30.0030

■ 102.0200,
-20.7159, -28.9585

■ 231.9280,
-21.1635, -25.3699

■ 76.3620, -19.4055,
-29.2585

■ 243.7910,
-13.2080, -10.3407

■ 50.8670, -18.6684,
-32.3324

■ 253.8600, -4.3680,
0.9998

■ 31.1110, -15.3377,
-27.2843

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,

0.0000

■ 154.2650,
-22.3156, -29.1734

■ 154.2650,
-22.3156, -29.1734

■ 147.7280,
-27.9669, -36.5955

■ 160.8020,
-16.6644, -21.7514

■ 141.1910,
-33.6182, -44.0175

■ 167.3390,
-11.0131, -14.3293

■ 134.6540,
-39.2694, -51.4396

■ 173.8760, -5.3619,
-6.9073

■ 128.1170,
-44.9207, -58.8616

■ 180.4130, 0.2894,
0.5148

■ 121.5800,
-50.5719, -66.2837

■ 186.9500, 5.9406,
7.9368

■ 115.0430,
-56.2232, -73.7057

■ 193.4870, 11.5919,
15.3589

■ 114.6300,
-56.5126, -74.2205

■ 200.0240, 17.2432,
22.7810

■ 206.5610, 22.8944,
30.2030

■ 210.9750, 21.7043,
38.6099

Harmonies

Analogous

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



159.5270, -36.2488, 6.5538



154.2650, -22.3156, -29.1734



142.9940, 1.9750, -73.6627

Triad

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



154.2650, -22.3156, -29.1734



146.9860, 47.8279, -80.6717



167.0300, -11.8468, 66.6257

Complementary

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



154.2650, -22.3156, -29.1734



134.7350, 22.3156, 29.1734

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.



169.0020, 7.3940, 55.2492



154.2650, -22.3156, -29.1734



164.5530, 38.1814, -19.7790

Square

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



154.2650, -22.3156, -29.1734



132.9570, 44.8842, -116.6033



170.2830, 24.5105, 25.1848



165.5070, -28.8440, 58.3144

Rectangle

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



154.2650, -22.3156, -29.1734



129.1320, 22.6129, -113.2488



170.2830, 24.5105, 25.1848



167.7400, -5.2948, 65.1260

Sweetspot

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



154.2650, -22.3156, -29.1734



224.5180, -9.1294, -11.8553



164.2750, -27.2506, 13.7908



111.2890, -5.0725, -6.3925



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.



154.2650, -22.3156, -29.1734



194.8380, -34.9231, -45.4619



153.1850, -10.9372, -38.7502



85.8810, -2.8993, -3.4036



97.5850, -48.1094, -62.7800



16.4580, -8.1138, -10.9257

Inverse Universe

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



134.7350, 22.3156, 29.1734



164.1620, 34.9231, 45.4619



135.8150, 10.9372, 38.7502



83.4180, 2.7519, 4.0184



55.4150, 48.1094, 62.7800



9.2430, 8.2612, 10.3109

Previews

White Background



This preview shows how the YUV color 154.2650, -22.3156, -29.1734 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 154.2650, -22.3156, -29.1734 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 154.2650, -22.3156, -29.1734 Background



This preview shows how black text looks on a background with the YUV color 154.2650, -22.3156, -29.1734.



This preview shows how white text looks on a background with the YUV color 154.2650, -22.3156, -29.1734.

-29.1734.

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

154.2650, -22.3156, -29.1734

Protanopia

162.4170, -29.2926, 15.4203

Deuteranopia

164.3460, -24.8206, 27.7606



Tritanopia

161.5330, 11.5692, -24.1464

Trichromacy



Original Color

154.2650, -22.3156, -29.1734

Protanomaly

159.3010, -26.7704, -0.2640

Deuteranomaly

160.7410, -24.0293, 7.2431

Tritanomaly

158.6070, -0.7923, -25.9653

Monochromacy



Original Color

154.2650, -22.3156, -29.1734

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8710, -7.8244, -10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2650, -22.3156, -29.1734 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(121, 180, 109)` looks like.

```
.text, #text, p{  
    color:rgb(121, 180, 109)  
}
```

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(121, 180, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 180, 109) }
```

Border

The CSS property to change the border of an element to YUV 154.2650, -22.3156, -29.1734 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(121, 180, 109) }
```


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

```
.border{ border-color:rgb(121, 180, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 180, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 180, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 180, 109); box-shadow:4px 4px 4px 4px rgb(121, 180, 109) }
```

Background

The CSS property to change the background color of an element to YUV 154.2650, -22.3156, -29.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 180, 109) }
```

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

```
.background{ background-color: rgb(121,  
180, 109) }
```

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