

Converting Colors

YUV(150.3770, -32.2309,
-22.2556)

Have a look what the booklet for
YUV(150.3770, -32.2309, -22.2556)
contains.

YUV(150.3770, -32.2309, -22.2556)	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(150.3770, -32.2309,
-22.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB055
RGB	125, 176, 85
RGB Percent	49%, 69%, 33%
CMY	0.5098, 0.3098, 0.6667
CMYK	0.29, 0.00, 0.52, 0.31
HSL	94°, 37%, 51%
HSV	94°, 52%, 69%
XYZ	25.6225, 36.0665, 14.2054
YIQ	150.3770, -1.1850, -39.1130

Conversions

Conversions Part 2

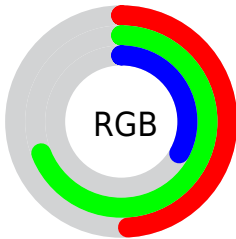
Format	Color
RYB	85, 176, 136
Decimal	8237141
CIELab	66.57, -32.91, 40.93
CIELCh	67, 52.519, 128.805
Yxy	36.0665, 0.3376, 0.4752
Android (android.graphics.Color)	4286427221 (0xFF7DB055)
YUV	150.3770, -32.2309, -22.2556
Hunter-Lab	60.0554, -28.9404, 28.0144

Details

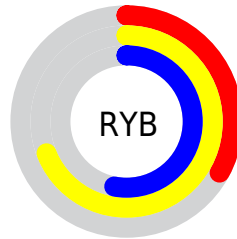
The YUV color **150.3770, -32.2309, -22.2556** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **110.6230, 32.2309, 22.2556**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6220, -33.8306, -22.4705**, and **97.7190, -30.9205, -22.5556** is the 20% darker color. If you saturate the color by 10%, you get **145.3350, -38.6192, -26.6038**, and if you desaturate by 10%, it is **155.4190, -25.8426, -17.9075**.

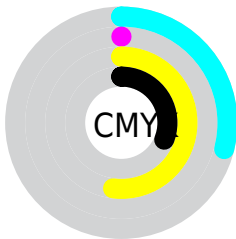
Distribution



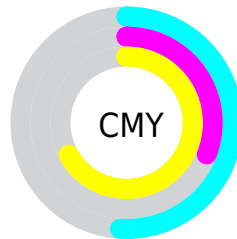
- Red (49%)
- Green (69%)
- Blue (33%)



- Red (33%)
- Yellow (69%)
- Blue (53%)



- Cyan (29%)
- Magenta (0%)
- Yellow (52%)
- Black (31%)



- Cyan (51%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3770, -32.2309, -22.2556 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 150.3770, -32.2309, -22.2556 by changing the saturation by 10% instead.

■ 150.3770,
-32.2309, -22.2556

■ 150.3770,
-32.2309, -22.2556

■ 255.0000, 0.0000,
0.0000

■ 123.6050,
-31.3573, -22.4556

■ 205.6220,
-33.8306, -22.4705

■ 97.7190, -30.9205,
-22.5556

■ 230.5730,
-32.8205, -19.7965

■ 71.9640, -32.5203,
-22.7704

■ 242.3220,
-25.3017, -4.6674

■ 49.1190, -24.2157,
-26.4144

■ 251.0100,
-15.2879, 3.4992

■ 29.3500, -14.4695,
-25.7399

■ 254.2020, -3.0576,
0.6998

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 150.3770,
-32.2309, -22.2556

■ 150.3770,
-32.2309, -22.2556

■ 145.3350,
-38.6192, -26.6038

■ 155.4190,
-25.8426, -17.9075

■ 140.4070,
-44.5707, -31.0519

■ 160.3470,
-19.8911, -13.4593

■ 135.3650,
-50.9589, -35.4001

■ 165.3890,
-13.5028, -9.1112

■ 130.7360,
-57.0578, -39.2335

■ 170.0180, -7.4039,
-5.2778

■ 126.3350,
-62.2832, -43.2668

■ 175.0600, -1.0156,
-0.9296

■ 180.1020, 5.3727,
3.4185

■ 185.0300, 11.3242,
7.8667

■ 190.0720, 17.7125,
12.2149

■ 195.0000, 23.6640,
16.6630

Harmonies

Analogous

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



156.1880, -45.4487, 17.3751



150.3770, -32.2309, -22.2556



136.4360, -5.1449, -76.6814

Triad

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



150.3770, -32.2309, -22.2556



131.6980, 57.8299, -115.4991



162.8770, -6.3484, 76.4069

Complementary

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



150.3770, -32.2309, -22.2556



110.6230, 32.2309, 22.2556

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.



166.0760, 15.2455, 56.9383



150.3770, -32.2309, -22.2556



154.9610, 49.3192, -45.5698

Square

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



150.3770, -32.2309, -22.2556



133.0880, 42.8476, -116.7182



166.1490, 34.4365, 14.7783



160.9370, -27.5769, 71.9693

Rectangle

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



150.3770, -32.2309, -22.2556



126.6070, 15.4767, -111.0343



166.1490, 34.4365, 14.7783



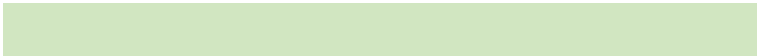
163.5050, 1.2300, 72.3481

Sweetspot

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



150.3770, -32.2309, -22.2556



219.5030, -13.0660, -9.2111



141.5590, -27.8836, 30.2048



108.9040, -7.8407, -5.1778



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



150.3770, -32.2309, -22.2556



189.7780, -50.6696, -34.8853



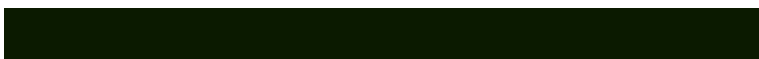
138.9870, -24.1506, -47.3466



86.4790, -3.1941, -2.1741



109.8440, -54.1531, -37.5742



18.5510, -9.1456, -6.6222

Inverse Universe

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



110.6230, 32.2309, 22.2556



127.2220, 50.6696, 34.8853



122.0130, 24.1506, 47.3466



82.5210, 3.1941, 2.1741



43.1560, 54.1531, 37.5742



7.1500, 9.2931, 6.0074

Previews

White Background



This preview shows how the YUV color 150.3770, -32.2309, -22.2556 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 150.3770, -32.2309, -22.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

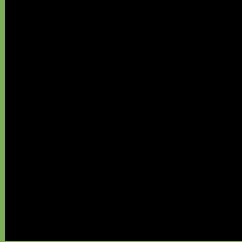
Any Text WCAG AA ✓ Pass

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 150.3770, -32.2309, -22.2556 Background



This preview shows how black text looks on a background with the YUV color 150.3770, -32.2309, -22.2556.



This preview shows how white text looks on a background with the YUV color 150.3770, -32.2309, -22.2556.

-22.2556.

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

150.3770, -32.2309, -22.2556

Protanopia

156.8490, -37.8866, 18.5494

Deuteranopia

159.6750, -33.8568, 32.7340



Tritanopia

159.4090, 9.6584, -17.8987

Trichromacy



Original Color

150.3770, -32.2309, -22.2556

Protanomaly

154.3310, -35.6592, 4.0947

Deuteranomaly

156.3690, -33.2129, 12.8314

Tritanomaly

156.3860, -5.6133, -19.6325

Monochromacy



Original Color

150.3770, -32.2309, -22.2556

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8560, -11.7610, -7.7667

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3770, -32.2309, -22.2556 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(125, 176, 85)` looks like.

```
.text, #text, p{  
    color:rgb(125, 176, 85)  
}
```

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(125, 176, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 176, 85) }
```

Border

The CSS property to change the border of an element to YUV 150.3770, -32.2309, -22.2556 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(125, 176, 85) }
```


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

```
.border{ border-color:rgb(125, 176, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 176, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 176, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 176, 85);  
box-shadow:4px 4px 4px 4px rgb(125, 176,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 150.3770, -32.2309, -22.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 176, 85) }
```

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

```
.background{ background-color: rgb(125,  
176, 85) }
```

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