

Converting Colors

YUV(153.2270, -27.7199,
24.3569)

Have a look what the booklet for
YUV(153.2270, -27.7199, 24.3569)
contains.

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Color

**YUV(153.2270, -27.7199,
24.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	B59661
RGB	181, 150, 97
RGB Percent	71%, 59%, 38%
CMY	0.2902, 0.4118, 0.6196
CMYK	0.00, 0.17, 0.46, 0.29
HSL	38°, 36%, 55%
HSV	38°, 46%, 71%
XYZ	32.1201, 32.4995, 15.8894
YIQ	153.2270, 35.4890, -9.9110

Conversions

Conversions Part 2

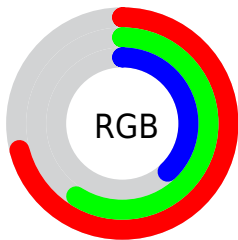
Format	Color
RYB	146, 181, 97
Decimal	11900513
CIELab	63.75, 4.50, 32.21
CIELCh	64, 32.524, 82.039
Yxy	32.4995, 0.3990, 0.4037
Android (android.graphics.Color)	4290090593 (0xFFB59661)
YUV	153.2270, -27.7199, 24.3569
Hunter-Lab	57.0083, 0.8072, 23.3805

Details

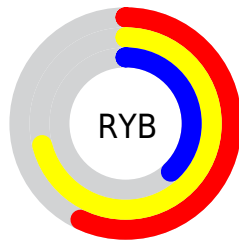
The YUV color **153.2270, -27.7199, 24.3569** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **124.7730, 27.7199, -24.3569**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7820, -29.4725, 26.5012**, and **101.3730, -25.8199, 21.5979** is the 20% darker color. If you saturate the color by 10%, you get **147.0660, -33.5565, 29.7601**, and if you desaturate by 10%, it is **159.3880, -21.8833, 18.9537**.

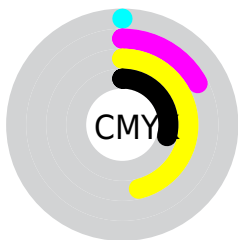
Distribution



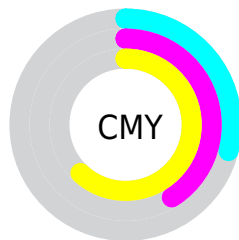
- Red (71%)
- Green (59%)
- Blue (38%)



- Red (57%)
- Yellow (71%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (46%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2270, -27.7199, 24.3569 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 153.2270, -27.7199, 24.3569 by changing the saturation by 10% instead.

■ 153.2270,
-27.7199, 24.3569

■ 153.2270,
-27.7199, 24.3569

255.0000, 0.0000,
0.0000

■ 126.8570,
-26.5515, 22.9274

■ 207.7820,
-29.4725, 26.5012

■ 101.3730,
-25.8199, 21.5979

■ 232.3790,
-28.2878, 19.8386

■ 77.4760, -25.3777,
19.7535

■ 249.0720,
-22.7135, 5.1989

■ 53.4650, -25.3722,
18.0092

■ 252.2640,
-10.4832, 2.3995

■ 33.7340, -16.6309,
14.2653

■ 13.3450, -6.5791,
10.2214

■ 0.0000, 0.0000,

0.0000

■ 153.2270,
-27.7199, 24.3569

■ 153.2270,
-27.7199, 24.3569

■ 147.0660,
-33.5565, 29.7601

■ 159.3880,
-21.8833, 18.9537

■ 141.4920,
-39.6826, 34.6485

■ 164.9620,
-15.7573, 14.0653

■ 135.3310,
-45.5192, 40.0517

■ 171.1230, -9.9206,
8.6621

■ 129.1700,
-51.3558, 45.4549

■ 177.2840, -4.0840,
3.2589

■ 123.5960,
-57.4818, 50.3433

■ 182.9720, 2.4788,
-1.7294

■ 121.0370,
-59.6712, 52.5876

■ 189.1330, 8.3154,
-7.1326

■ 195.2940, 14.1521,
-12.5358

■ 200.8680, 20.2781,
-17.4242

■ 206.4590, 23.9307,
-22.3275

Harmonies

Analogous

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



155.1180, -22.2432, 41.1155



153.2270, -27.7199, 24.3569



150.1810, -24.7392, 1.5953

Triad

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



153.2270, -27.7199, 24.3569



134.9890, 19.7254, -73.6584



158.8560, 15.3540, 22.0513

Complementary

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



153.2270, -27.7199, 24.3569



124.7730, 27.7199, -24.3569

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.



155.7150, 25.7765, -7.6431



153.2270, -27.7199, 24.3569



138.0570, 30.0449, -70.2100

Square

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



153.2270, -27.7199, 24.3569



141.1370, 1.9045, -50.9861



148.1730, 30.9737, -41.3707



158.2470, 2.3432, 41.8794

Rectangle

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



153.2270, -27.7199, 24.3569



147.6780, -18.5753, -15.5036



148.1730, 30.9737, -41.3707



158.2400, 19.6017, 12.9445

Sweetspot

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



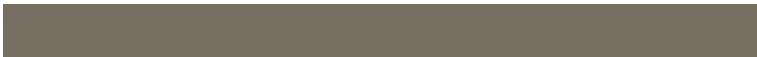
153.2270, -27.7199, 24.3569



223.6070, -10.6523, 9.9917



125.7640, 1.5953, 48.4420



110.6110, -6.7102, 5.6032



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.



153.2270, -27.7199, 24.3569



191.1890, -43.4772, 38.4222



168.4340, -35.2170, 2.2504



86.2130, -3.0630, 2.4442



102.6860, -50.6242, 44.1254



17.1660, -8.4628, 7.7474

Inverse Universe

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



124.7730, 27.7199, -24.3569



146.8110, 43.4772, -38.4222



109.5660, 35.2170, -2.2504



83.3740, 2.7736, -2.9590



50.3140, 50.6242, -44.1254



8.2470, 8.7522, -7.2326

Previews

White Background



This preview shows how the YUV color 153.2270, -27.7199, 24.3569 looks on a white background.

Color Contrast Check

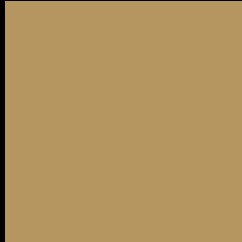
Large Text (above 18pt) WCAG AA × Fail

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 153.2270, -27.7199, 24.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

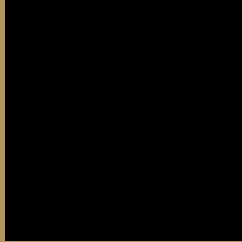
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.2270, -27.7199, 24.3569

Background



This preview shows how black text looks on a background with the YUV color 153.2270, -27.7199, 24.3569.



This preview shows how white text looks on a background with the YUV color 153.2270, -27.7199, 24.3569.

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

153.2270, -27.7199, 24.3569

Protanopia

152.5030, -26.3770, 13.5909

Deuteranopia

153.8470, -28.0256, 29.0752



Tritanopia

157.1110, -1.5337, 25.3357

Trichromacy



Original Color

153.2270, -27.7199, 24.3569

Protanomaly

152.7100, -26.9720, 17.7943

Deuteranomaly

153.8360, -28.0201, 27.3308

Tritanomaly

155.8800, -11.2798, 24.6612

Monochromacy



Original Color

153.2270, -27.7199, 24.3569

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.1230, -9.9206, 8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2270, -27.7199, 24.3569 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(181, 150, 97)` looks like.

```
.text, #text, p{  
    color:rgb(181, 150, 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(181, 150, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 150, 97) }
```

Border

The CSS property to change the border of an element to YUV 153.2270, -27.7199, 24.3569 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(181, 150, 97) }
```


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

```
.border{ border-color:rgb(181, 150, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 150, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 150, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 150, 97);  
box-shadow:4px 4px 4px 4px rgb(181, 150,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 153.2270, -27.7199, 24.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 150, 97) }
```

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

```
.background{ background-color: rgb(181,  
150, 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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