

Converting Colors

YUV(104.4750, -27.3492,
-1.2936)

Have a look what the booklet for
YUV(104.4750, -27.3492, -1.2936)
contains.

YUV(104.4750, -27.3492, -1.2936)	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(104.4750, -27.3492,
-1.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	677431
RGB	103, 116, 49
RGB Percent	40%, 45%, 19%
CMY	0.5961, 0.5451, 0.8078
CMYK	0.11, 0.00, 0.58, 0.55
HSL	72°, 41%, 32%
HSV	72°, 58%, 45%
XYZ	12.3933, 15.5961, 5.2629
YIQ	104.4750, 13.7590, -23.5930

Conversions

Conversions Part 2

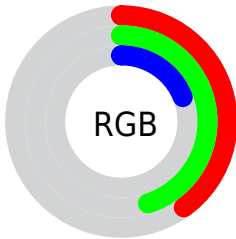
Format	Color
R_{YB}	49, 116, 62
Decimal	6779953
CIE _{Lab}	46.44, -15.59, 34.80
CIE _{LCh}	46, 38.136, 114.137
Yxy	15.5961, 0.3727, 0.4690
Android (android.graphics.Color)	4284970033 (0xFF677431)
YUV	104.4750, -27.3492, -1.2936
Hunter-Lab	39.4919, -13.0942, 19.7431

Details

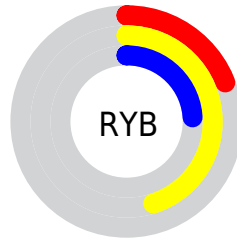
The YUV color **104.4750, -27.3492, -1.2936** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60.5250, 27.3492, 1.2936**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4320, -28.8070, -0.3789**, and **56.0620, -27.6386, -1.8084** is the 20% darker color. If you saturate the color by 10%, you get **102.5090, -32.2959, -1.3234**, and if you desaturate by 10%, it is **106.4410, -22.4024, -1.2638**.

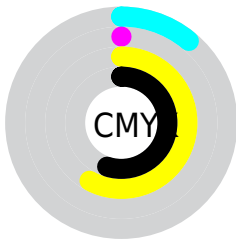
Distribution



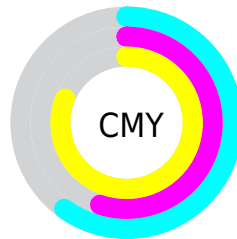
- Red (40%)
- Green (45%)
- Blue (19%)



- Red (19%)
- Yellow (45%)
- Blue (24%)



- Cyan (11%)
- Magenta (0%)
- Yellow (58%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4750, -27.3492, -1.2936 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 104.4750, -27.3492, -1.2936 by changing the saturation by 10% instead.

104.4750,
-27.3492, -1.2936

104.4750,
-27.3492, -1.2936

255.0000, 0.0000,
0.0000

79.5890, -26.9124,
-1.3936

156.4320,
-28.8070, -0.3789

56.0620, -27.6386,
-1.8084

183.2040,
-29.6806, -0.1789

36.2710, -17.8816,
-4.6227

210.9760,
-30.5542, 0.0210

15.2620, -7.5242,
-13.3848

239.7480,
-31.4278, 0.2210

0.0000, 0.0000,
0.0000

249.1860,
-22.2767, 5.0989

252.4920, -9.6096,

2.1995

■ 104.4750,
-27.3492, -1.2936

■ 104.4750,
-27.3492, -1.2936

■ 102.5090,
-32.2959, -1.3234

■ 106.4410,
-22.4024, -1.2638

■ 100.3580,
-36.6585, -2.0680

■ 108.5920,
-18.0399, -0.5192

■ 98.3920, -41.6053,
-2.0978

■ 110.5580,
-13.0931, -0.4894

■ 96.5400, -46.1152,
-2.2276

■ 112.4100, -8.5831,
-0.3596

■ 95.8990, -47.2782,
-2.5424

■ 114.3760, -3.6364,
-0.3298

■ 116.6410, 1.1630,
0.3148

■ 118.4930, 5.6730,
0.4446

■ 120.4590, 10.6197,
0.4745

■ 122.3110, 15.1297,
0.6043

Harmonies

Analogous

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



107.3040, -31.2089, 23.4124



104.4750, -27.3492, -1.2936



99.4310, -14.0165, -31.0730

Triad

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



104.4750, -27.3492, -1.2936



90.5550, 34.7294, -79.4167



111.8070, 3.0531, 47.5273

Complementary

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



104.4750, -27.3492, -1.2936



60.5250, 27.3492, 1.2936

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.



113.6330, 16.9429, 25.7549



104.4750, -27.3492, -1.2936



95.3000, 38.3061, -59.8991

Square

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



104.4750, -27.3492, -1.2936



89.3520, 22.5045, -78.3617



110.6980, 28.2499, -7.6281



110.2300, -11.9454, 51.5413

Rectangle

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



104.4750, -27.3492, -1.2936



90.0280, 0.4792, -60.5376



110.6980, 28.2499, -7.6281



112.3270, 7.7268, 41.8092

Sweetspot

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



104.4750, -27.3492, -1.2936



145.6550, -10.1829, -0.5744



76.0770, -13.3490, 35.0125



74.2790, -6.5465, -0.2447



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



104.4750, -27.3492, -1.2936



132.2780, -42.0421, -1.9978



94.6080, -22.4847, -21.5812



58.0170, -2.4734, -0.0149



101.2150, -49.8990, -1.9426



206.8490, -101.9766, -5.1296

Inverse Universe

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



60.5250, 27.3492, 1.2936



64.7220, 42.0421, 1.9978



70.3920, 22.4847, 21.5812



53.9830, 2.4734, 0.0149



21.0840, 49.7516, 2.5573



42.8520, 102.1240, 4.5148

Previews

White Background



This preview shows how the YUV color 104.4750, -27.3492, -1.2936 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 104.4750, -27.3492, -1.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

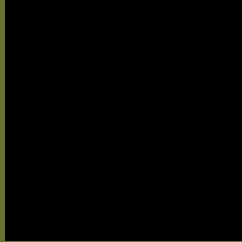
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4750, -27.3492, -1.2936

Background



This preview shows how black text looks on a background with the YUV color 104.4750, -27.3492, -1.2936.



This preview shows how white text looks on a background with the YUV color 104.4750, -27.3492, -1.2936.

-1.2936.

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

104.4750, -27.3492, -1.2936

Protanopia

106.4060, -29.2872, 13.6759

Deuteranopia

108.2270, -27.7199, 24.3569



Tritanopia

110.5100, 3.1996, 0.4297

Trichromacy



Original Color

104.4750, -27.3492, -1.2936

Protanomaly

105.6010, -28.3973, 8.2429

Deuteranomaly

106.8730, -27.5454, 15.0204

Tritanomaly

108.5240, -8.1463, -0.4595

Monochromacy



Original Color

104.4750, -27.3492, -1.2936

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0680, -9.8935, -0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4750, -27.3492, -1.2936 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(103, 116, 49)` looks like.

```
.text, #text, p{  
    color:rgb(103, 116, 49)  
}
```

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(103, 116, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 116, 49) }
```

Border

The CSS property to change the border of an element to YUV 104.4750, -27.3492, -1.2936 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(103, 116, 49) }
```


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

```
.border{ border-color:rgb(103, 116, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 116, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 116, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 116, 49);  
box-shadow:4px 4px 4px 4px rgb(103, 116,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 104.4750, -27.3492, -1.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 116, 49) }
```

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

```
.background{ background-color: rgb(103,  
116, 49) }
```

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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