

Converting Colors

YUV(149.4770, 16.5268,
-27.6053)

Have a look what the booklet for
YUV(149.4770, 16.5268, -27.6053)
contains.

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Color

**YUV(149.4770, 16.5268,
-27.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	769FB7
RGB	118, 159, 183
RGB Percent	46%, 62%, 72%
CMY	0.5373, 0.3765, 0.2824
CMYK	0.36, 0.13, 0.00, 0.28
HSL	202°, 31%, 59%
HSV	202°, 36%, 72%
XYZ	28.4166, 32.0667, 49.4915
YIQ	149.4770, -32.1400, -1.2280

Conversions

Conversions Part 2

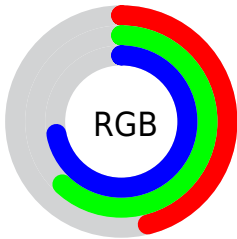
Format	Color
R_{YB}	118, 143, 183
Decimal	7774135
CIE Lab	63.40, -7.90, -16.88
CIE LCh	63, 18.639, 244.928
Yxy	32.0667, 0.2584, 0.2916
Android (android.graphics.Color)	4285964215 (0xFF769FB7)
YUV	149.4770, 16.5268, -27.6053
Hunter-Lab	56.6275, -9.5239, -12.1793

Details

The YUV color **149.4770, 16.5268, -27.6053** is a light color, and the websafe version is hex **669999**. A complement of this color would be **151.5230, -16.5268, 27.6053**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2920, 17.1110, -28.3201**, and **97.9500, 15.8007, -28.0201** is the 20% darker color. If you saturate the color by 10%, you get **139.9860, 21.2059, -35.0677**, and if you desaturate by 10%, it is **158.9680, 11.8478, -20.1429**.

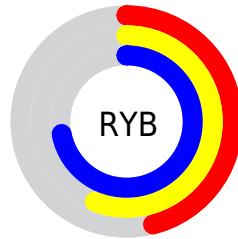
Distribution



Red (46%)

Green (62%)

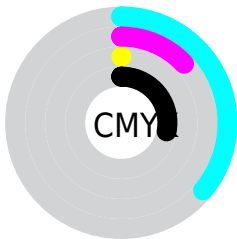
Blue (72%)



Red (46%)

Yellow (56%)

Blue (72%)

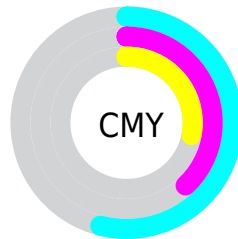


Cyan (36%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4770, 16.5268, -27.6053 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 149.4770, 16.5268, -27.6053 by changing the saturation by 10% instead.

■ 149.4770, 16.5268,
-27.6053

■ 149.4770, 16.5268,
-27.6053

255.0000, 0.0000,
0.0000

■ 123.3630, 16.0900,
-27.5054

■ 204.2920, 17.1110,
-28.3201

■ 97.9500, 15.8007,
-28.0201

■ 230.9240, 11.8695,
-27.1203

■ 72.6510, 15.9481,
-28.6349

■ 247.2260, 3.8326,
-15.9842

■ 47.4440, 16.5431,
-32.8384

■ 29.5050, 14.0480,
-25.8759

■ 14.6700, 10.5157,
-12.8656

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 149.4770, 16.5268,
-27.6053

■ 149.4770, 16.5268,
-27.6053

■ 139.9860, 21.2059,
-35.0677

■ 158.9680, 11.8478,
-20.1429

■ 130.1960, 26.0324,
-43.1449

■ 168.7580, 7.0213,
-12.0658

■ 121.2920, 30.4220,
-51.1221

■ 177.6620, 2.6316,
-4.0886

■ 111.8010, 35.1011,
-58.5845

■ 187.1530, -2.0474,
3.3738

■ 102.0110, 39.9276,
-66.6616

■ 196.9430, -6.8739,
11.4510

■ 92.5200, 44.6066,
-74.1240

■ 206.4340,
-11.5530, 18.9134

■ 88.3670, 46.6541,
-77.4979

■ 215.3380,
-15.9426, 26.8906

■ 222.1380,
-19.2950, 28.8200

■ 226.2470,
-21.3208, 25.2164

Harmonies

Analogous

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



146.9940, 12.3280, -34.1977



149.4770, 16.5268, -27.6053



152.8640, 16.3360, -13.0357

Triad

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



149.4770, 16.5268, -27.6053



156.4810, -2.7021, 26.7652



150.4650, -12.0612, -4.7928

Complementary

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



149.4770, 16.5268, -27.6053



151.5230, -16.5268, 27.6053

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.



152.3420, -15.4516, 9.3471



149.4770, 16.5268, -27.6053



155.2440, -9.9803, 27.8500

Square

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



149.4770, 16.5268, -27.6053



156.6030, 5.6187, 17.8882



154.2340, -14.9054, 20.8428



148.6140, -4.7397, -19.8325

Rectangle

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



149.4770, 16.5268, -27.6053



154.6590, 13.9721, -1.4549



154.2340, -14.9054, 20.8428



151.3300, -13.9667, -0.2894

Sweetspot

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



149.4770, 16.5268, -27.6053



223.9430, 6.4371, -11.3510



158.8910, -8.3273, -35.8614



111.6940, 4.0949, -6.7476



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



149.4770, 16.5268, -27.6053



184.1960, 26.0324, -43.1449



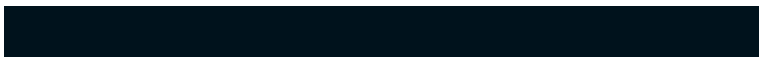
130.6930, 25.7874, -11.1318



86.9610, 2.4842, -3.4738



75.3100, 39.7802, -66.0469



13.7580, 7.0213, -12.0658

Inverse Universe

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



142.1090, 8.3273, 35.8614



172.7940, 12.9196, 56.3087



170.3070, -25.7874, 11.1318



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 149.4770, 16.5268, -27.6053 looks on a white background.

Color Contrast Check

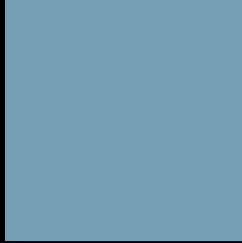
Large Text (above 18pt) WCAG AA × Fail

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 149.4770, 16.5268, -27.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

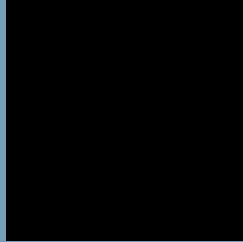
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.4770, 16.5268, -27.6053

Background



This preview shows how black text looks on a background with the YUV color 149.4770, 16.5268, -27.6053.



This preview shows how white text looks on a background with the YUV color 149.4770, 16.5268, -27.6053.

-27.6053.

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

149.4770, 16.5268, -27.6053

Protanopia

153.7680, 11.9464, -5.0585

Deuteranopia

154.5880, 14.9931, -2.2697



Tritanopia

148.9130, 11.8749, -28.8647

Trichromacy



Original Color

149.4770, 16.5268, -27.6053

Protanomaly

152.4680, 13.5733, -13.5654

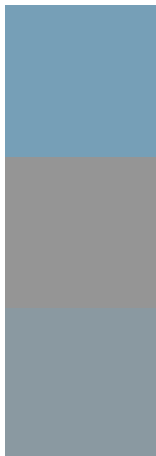
Deuteranomaly

152.6470, 15.4570, -11.0914

Tritanomaly

149.0810, 13.7641, -28.1350

Monochromacy



Original Color

149.4770, 16.5268, -27.6053

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.4270, 5.7055, -10.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4770, 16.5268, -27.6053 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(118, 159, 183)` looks like.

```
.text, #text, p{  
    color:rgb(118, 159, 183)  
}
```

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(118, 159, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 159, 183) }
```

Border

The CSS property to change the border of an element to YUV 149.4770, 16.5268, -27.6053 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(118, 159, 183) }
```


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

```
.border{ border-color:rgb(118, 159, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 159, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 159, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 159, 183);  
box-shadow:4px 4px 4px 4px rgb(118, 159,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 149.4770, 16.5268, -27.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 159, 183) }
```

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

```
.background{ background-color: rgb(118,  
159, 183) }
```

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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