

Converting Colors

YUV(116.2770, -7.0386,
-29.1839)

Have a look what the booklet for
YUV(116.2770, -7.0386, -29.1839)
contains.

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Color

**YUV(116.2770, -7.0386,
-29.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	538866
RGB	83, 136, 102
RGB Percent	33%, 53%, 40%
CMY	0.6745, 0.4667, 0.6000
CMYK	0.39, 0.00, 0.25, 0.47
HSL	142°, 24%, 43%
HSV	142°, 39%, 53%
XYZ	14.7697, 20.4066, 15.7308
YIQ	116.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

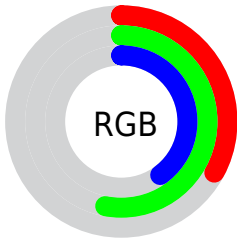
Format	Color
RYB	83, 122, 136
Decimal	5474406
CIELab	52.29, -25.56, 12.80
CIElCh	52, 28.586, 153.392
Yxy	20.4066, 0.2901, 0.4009
Android (android.graphics.Color)	4283664486 (0xFF538866)
YUV	116.2770, -7.0386, -29.1839
Hunter-Lab	45.1737, -20.6927, 10.9751

Details

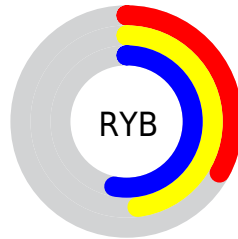
The YUV color **116.2770, -7.0386, -29.1839** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **102.7230, 7.0386, 29.1839**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3370, -8.0541, -30.1135**, and **66.6190, -5.7282, -29.4839** is the 20% darker color. If you saturate the color by 10%, you get **111.0650, -8.9060, -36.8910**, and if you desaturate by 10%, it is **121.4890, -5.1711, -21.4769**.

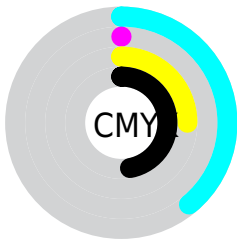
Distribution



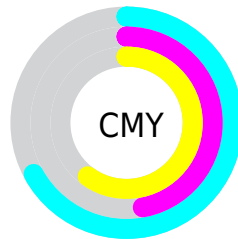
- Red (33%)
- Green (53%)
- Blue (40%)



- Red (33%)
- Yellow (48%)
- Blue (53%)



- Cyan (39%)
- Magenta (0%)
- Yellow (25%)
- Black (47%)



- Cyan (67%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2770, -7.0386, -29.1839 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 116.2770, -7.0386, -29.1839 by changing the saturation by 10% instead.

■ 116.2770, -7.0386,
-29.1839

■ 116.2770, -7.0386,
-29.1839

■ 255.0000, 0.0000,
0.0000

■ 90.8040, -6.3124,
-28.7691

■ 169.3370, -8.0541,
-30.1135

■ 66.6190, -5.7282,
-29.4839

■ 196.6250, -8.1961,
-31.2431

■ 41.3520, -4.1175,
-32.7577

■ 224.5110, -8.6329,
-31.1431

■ 24.8480, -6.3341,
-21.7917

■ 241.4720, -2.6977,
-21.4619

■ 8.8050, -4.3409,
-7.7220

■ 252.3090, 1.3267,
-5.5330

■ 0.0000, 0.0000,
0.0000

■ 116.2770, -7.0386,
-29.1839

■ 116.2770, -7.0386,
-29.1839

■ 111.0650, -8.9060,
-36.8910

■ 121.4890, -5.1711,
-21.4769

■ 106.2660,
-10.4841, -44.0833

■ 126.2880, -3.5930,
-14.2846

■ 101.0540,
-12.3516, -51.7904

■ 131.5000, -1.7255,
-6.5775

■ 96.1410, -14.3665,
-58.8827

■ 136.4130, 0.2894,
0.5148

■ 90.9290, -16.2340,
-66.5897

■ 141.6250, 2.1569,
8.2219

■ 85.8310, -17.6647,
-74.3968

■ 146.7230, 3.5876,
16.0289

■ 85.4180, -17.9541,
-74.9116

■ 151.6360, 5.6025,
23.1212

■ 156.8480, 7.4699,

30.8283

■ 161.7610, 9.4848,
37.9206

Harmonies

Analogous

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



119.8470, -18.1656, -6.8818



116.2770, -7.0386, -29.1839



110.7330, 8.0196, -52.3858

Triad

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



116.2770, -7.0386, -29.1839



122.0890, 25.0991, -23.7571



125.8110, -13.2178, 39.6308

Complementary

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



116.2770, -7.0386, -29.1839



102.7230, 7.0386, 29.1839

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.



127.3730, -2.1559, 38.2609



116.2770, -7.0386, -29.1839



126.7720, 19.3394, 3.7080

Square

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



116.2770, -7.0386, -29.1839



113.3690, 26.9331, -52.0666



127.9830, 9.3754, 26.3249



124.9810, -21.1896, 29.8347

Rectangle

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



116.2770, -7.0386, -29.1839



107.1750, 17.6617, -65.0515



127.9830, 9.3754, 26.3249



126.7340, -9.7289, 40.5753

Sweetspot

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



116.2770, -7.0386, -29.1839



168.1250, -3.0196, -11.5106



124.2770, -20.3496, -6.3819



84.5000, -1.7255, -6.5775



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.2770, -7.0386, -29.1839



145.1410, -10.9155, -45.7277



119.2410, 4.3182, -31.7834



66.3370, -1.1521, -3.8035



83.5430, -17.5227, -73.2672



3.1630, -0.5734, -2.7740

Inverse Universe

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



102.7230, 7.0386, 29.1839



123.8590, 10.9155, 45.7277



99.7590, -4.3182, 31.7834



64.5490, 0.7153, 3.9035



49.4570, 17.5227, 73.2672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 116.2770, -7.0386, -29.1839 looks on a white 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

Black Background



This preview shows how the YUV color 116.2770, -7.0386, -29.1839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

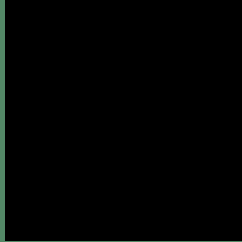
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.2770, -7.0386, -29.1839

Background



This preview shows how black text looks on a background with the YUV color 116.2770, -7.0386, -29.1839.



This preview shows how white text looks on a background with the YUV color 116.2770, -7.0386,

-29.1839.

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

116.2770, -7.0386, -29.1839

Protanopia

123.2000, -13.4096, 7.7176

Deuteranopia

124.6940, -9.2161, 16.0544



Tritanopia

120.4790, 10.1169, -24.9761

Trichromacy



Original Color

116.2770, -7.0386, -29.1839

Protanomaly

120.3940, -11.0402, -5.6075

Deuteranomaly

121.5240, -8.1463, -0.4595

Tritanomaly

119.1600, 3.8651, -26.4503

Monochromacy



Original Color

116.2770, -7.0386, -29.1839

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2770, -7.0386, -29.1839 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(83, 136, 102)` looks like.

```
.text, #text, p{  
    color:rgb(83, 136, 102)  
}
```

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(83, 136, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 136, 102) }
```

Border

The CSS property to change the border of an element to YUV 116.2770, -7.0386, -29.1839 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(83, 136, 102) }
```


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

```
.border{ border-color:rgb(83, 136, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 136, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 136, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 136, 102);  
box-shadow:4px 4px 4px 4px rgb(83, 136,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 116.2770, -7.0386, -29.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 136, 102) }
```

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

```
.background{ background-color: rgb(83, 136,  
102) }
```

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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