

Converting Colors

YUV(86.7270, -2.8234, -27.8246)

Have a look what the booklet for
YUV(86.7270, -2.8234, -27.8246)
contains.

YUV(86.7270, -2.8234, -27.8246)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(86.7270, -2.8234,
-27.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	376851
RGB	55, 104, 81
RGB Percent	22%, 41%, 32%
CMY	0.7843, 0.5922, 0.6824
CMYK	0.47, 0.00, 0.22, 0.59
HSL	152°, 31%, 31%
HSV	152°, 47%, 41%
XYZ	8.0111, 11.3069, 9.5448
YIQ	86.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

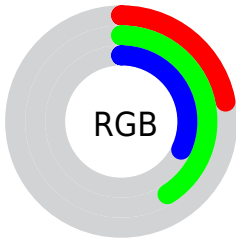
Format	Color
RYB	55, 87, 104
Decimal	3631185
CIELab	40.09, -22.56, 7.87
CIELCh	40, 23.888, 160.773
Yxy	11.3069, 0.2776, 0.3917
Android (android.graphics.Color)	4281821265 (0xFF376851)
YUV	86.7270, -2.8234, -27.8246
Hunter-Lab	33.6258, -16.3190, 6.7084

Details

The YUV color **86.7270, -2.8234, -27.8246** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.2730, 2.8234, 27.8246**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7870, -3.8390, -28.7542**, and **37.8730, -0.9234, -30.5836** is the 20% darker color. If you saturate the color by 10%, you get **83.1670, -3.5333, -33.4725**, and if you desaturate by 10%, it is **90.2870, -2.1135, -22.1767**.

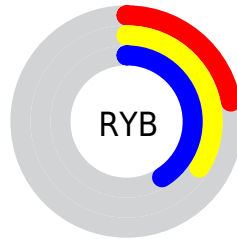
Distribution



Red (22%)

Green (41%)

Blue (32%)



Red (22%)

Yellow (34%)

Blue (41%)

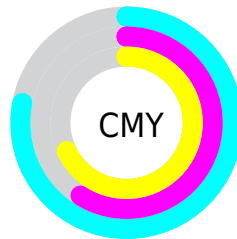


Cyan (47%)

Magenta (0%)

Yellow (22%)

Black (59%)



Cyan (78%)

Magenta (59%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7270, -2.8234, -27.8246 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 86.7270, -2.8234, -27.8246 by changing the saturation by 10% instead.

■ 86.7270, -2.8234,
-27.8246

■ 86.7270, -2.8234,
-27.8246

255.0000, 0.0000,
0.0000

■ 62.5420, -2.2392,
-28.5393

■ 137.7870, -3.8390,
-28.7542

■ 37.8730, -0.9234,
-30.5836

■ 163.7870, -3.8390,
-28.7542

■ 22.3690, -3.1399,
-19.6176

■ 191.3740, -4.1284,
-29.2690

■ 0.5870, -0.2894,
-0.5148

■ 219.6620, -4.2704,
-30.3986

■ 0.0000, 0.0000,
0.0000

■ 240.6180, -0.7977,
-24.2210

■ 251.1130, 1.9163,

-7.9921

■ 86.7270, -2.8234,
-27.8246

■ 86.7270, -2.8234,
-27.8246

■ 83.1670, -3.5333,
-33.4725

■ 90.2870, -2.1135,
-22.1767

■ 79.3080, -4.0958,
-39.7351

■ 94.1460, -1.5510,
-15.9140

■ 75.7480, -4.8058,
-45.3830

■ 97.7060, -0.8411,
-10.2662

■ 71.8890, -5.3683,
-51.6457

■ 101.5650, -0.2785,
-4.0035

■ 68.4430, -5.6414,
-57.3935

■ 105.0110, -0.0054,
1.7444

■ 67.3180, -6.0728,
-59.0379

■ 108.5710, 0.7045,
7.3922

■ 112.4300, 1.2670,
13.6549

■ 115.9900, 1.9769,
19.3028

■ 119.8490, 2.5394,
25.5654

Harmonies

Analogous

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



90.2040, -12.9186, -9.8259



86.7270, -2.8234, -27.8246



81.8200, 9.4557, -46.3231

Triad

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



86.7270, -2.8234, -27.8246



93.6620, 19.3936, -13.7356



95.5710, -12.6065, 30.1942

Complementary

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



86.7270, -2.8234, -27.8246



72.2730, 2.8234, 27.8246

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.



96.1720, -4.0288, 32.2982



86.7270, -2.8234, -27.8246



96.8990, 13.3608, 7.9816

Square

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



86.7270, -2.8234, -27.8246



87.0890, 21.6481, -36.9121



97.2340, 5.3076, 24.3508



94.1370, -17.8155, 20.9279

Rectangle

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



86.7270, -2.8234, -27.8246



78.8280, 17.3398, -55.1002



97.2340, 5.3076, 24.3508



95.6790, -9.7017, 31.8535

Sweetspot

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



86.7270, -2.8234, -27.8246



128.2930, -1.1304, -10.7810



90.9390, -17.7179, -10.4705



64.7280, -0.8519, -6.7775



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



86.7270, -2.8234, -27.8246



107.8730, -4.3744, -43.7386



88.7620, 7.5123, -29.6093



49.2770, -0.1366, -2.8739



74.4590, -6.6353, -65.3005



156.7600, -13.6857, -137.4785

Inverse Universe

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



72.2730, 2.8234, 27.8246



85.1270, 4.3744, 43.7386



70.2380, -7.5123, 29.6093



47.7230, 0.1366, 2.8739



40.5410, 6.6353, 65.3005



85.3540, 14.1225, 137.3785

Previews

White Background



This preview shows how the YUV color 86.7270, -2.8234, -27.8246 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 86.7270, -2.8234, -27.8246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

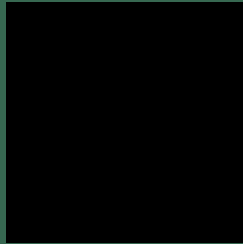
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7270, -2.8234, -27.8246

Background



This preview shows how black text looks on a background with the YUV color 86.7270, -2.8234, -27.8246.



This preview shows how white text looks on a background with the YUV color 86.7270, -2.8234,

-27.8246.

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

86.7270, -2.8234, -27.8246

Protanopia

93.7420, -8.7468, 5.4883

Deuteranopia

94.9860, -5.4161, 10.5363



Tritanopia

89.5500, 9.0959, -24.1613

Trichromacy



Original Color

86.7270, -2.8234, -27.8246

Protanomaly

91.5340, -6.6723, -6.6073

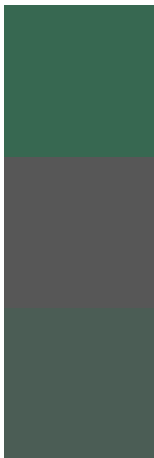
Deuteranomaly

92.1260, -4.4991, -3.6185

Tritanomaly

88.1000, 4.8807, -25.5207

Monochromacy



Original Color

86.7270, -2.8234, -27.8246

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7060, -0.8411, -10.2662

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7270, -2.8234, -27.8246 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(55, 104, 81)` looks like.

```
.text, #text, p{  
    color:rgb(55, 104, 81)  
}
```

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(55, 104, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 104, 81) }
```

Border

The CSS property to change the border of an element to YUV 86.7270, -2.8234, -27.8246 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(55, 104, 81) }
```


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

```
.border{ border-color:rgb(55, 104, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 104, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 104, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 104, 81);  
box-shadow:4px 4px 4px 4px rgb(55, 104,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 86.7270, -2.8234, -27.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 104, 81) }
```

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

```
.background{ background-color: rgb(55, 104,  
81) }
```

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