

Converting Colors

YUV(104.6770, -0.3338,
-33.0427)

Have a look what the booklet for
YUV(104.6770, -0.3338, -33.0427)
contains.

YUV(104.6770, -0.3338, -33.0427)	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(104.6770, -0.3338,
-33.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	437C68
RGB	67, 124, 104
RGB Percent	26%, 49%, 41%
CMY	0.7373, 0.5137, 0.5922
CMYK	0.46, 0.00, 0.16, 0.51
HSL	159°, 30%, 37%
HSV	159°, 46%, 49%
XYZ	12.0211, 16.6081, 15.6688
YIQ	104.6770, -27.5520, -18.3040

Conversions

Conversions Part 2

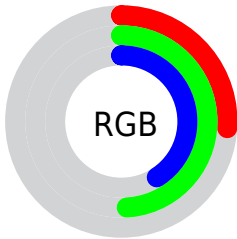
Format	Color
R_{YB}	67, 102, 124
Decimal	4422760
CIE _{Lab}	47.76, -23.86, 5.13
CIE _{LCh}	48, 24.403, 167.868
Yxy	16.6081, 0.2714, 0.3749
Android (android.graphics.Color)	4282612840 (0xFF437C68)
YUV	104.6770, -0.3338, -33.0427
Hunter-Lab	40.7530, -18.6649, 5.7312

Details

The YUV color **104.6770, -0.3338, -33.0427** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.3230, 0.3338, 33.0427**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8510, -0.9125, -34.0723**, and **54.4100, 1.2769, -36.3166** is the 20% darker color. If you saturate the color by 10%, you get **100.6330, -0.3121, -40.0201**, and if you desaturate by 10%, it is **108.7210, -0.3555, -26.0653**.

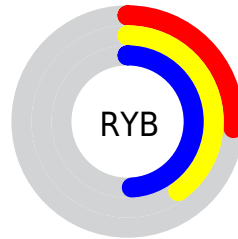
Distribution



Red (26%)

Green (49%)

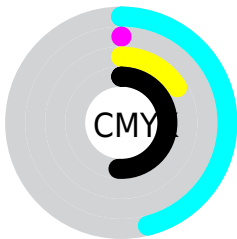
Blue (41%)



Red (26%)

Yellow (40%)

Blue (49%)

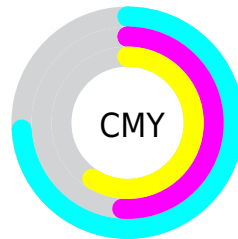


Cyan (46%)

Magenta (0%)

Yellow (16%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6770, -0.3338, -33.0427 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 104.6770, -0.3338, -33.0427 by changing the saturation by 10% instead.

104.6770, -0.3338,
-33.0427

104.6770, -0.3338,
-33.0427

255.0000, 0.0000,
0.0000

79.7910, 0.1030,
-33.1427

156.8510, -0.9125,
-34.0723

54.4100, 1.2769,
-36.3166

183.8510, -0.9125,
-34.0723

34.6280, 0.6764,
-30.3688

212.0250, -1.4913,
-35.1019

20.3800, -3.1453,
-17.8733

236.6170, 0.6818,
-32.1131

0.0000, 0.0000,
0.0000

247.2260, 3.8326,
-15.9842

■ 104.6770, -0.3338,
-33.0427

■ 104.6770, -0.3338,
-33.0427

■ 100.6330, -0.3121,
-40.0201

■ 108.7210, -0.3555,
-26.0653

■ 96.1760, -0.5798,
-47.5124

■ 113.1780, -0.0878,
-18.5731

■ 92.1320, -0.5581,
-54.4898

■ 117.2220, -0.1094,
-11.5957

■ 87.7890, -0.3890,
-62.0820

■ 121.5650, -0.2785,
-4.0035

■ 83.6310, -0.8041,
-68.9594

■ 125.7230, 0.1366,
2.8739


■ 81.9080, -0.9406,
-71.8333

■ 129.7670, 0.1149,
9.8513

■ 134.1100, -0.0542,
17.4435

■ 138.2680, 0.3609,

24.3210

 142.6110, 0.1918,
31.9132

Harmonies

Analogous

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



108.2250, -11.4499, -14.2293



104.6770, -0.3338, -33.0427



101.3790, 11.6452, -48.5674

Triad

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



104.6770, -0.3338, -33.0427



113.5810, 18.9406, -8.4025



114.0010, -14.7905, 30.6941

Complementary

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



104.6770, -0.3338, -33.0427



86.3230, 0.3338, 33.0427

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.



115.2000, -6.5076, 34.0276



104.6770, -0.3338, -33.0427



116.2910, 12.1815, 12.8998

Square

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



104.6770, -0.3338, -33.0427



108.2360, 22.0687, -31.7790



116.3870, 3.2602, 27.7246



112.6700, -19.5573, 19.5834

Rectangle

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



104.6770, -0.3338, -33.0427



100.7900, 18.3445, -50.6818



116.3870, 3.2602, 27.7246



114.8810, -12.7593, 32.5534

Sweetspot

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



104.6770, -0.3338, -33.0427



153.2110, -0.1040, -13.3400



106.7380, -19.5908, -16.4332



77.2440, -0.1203, -8.1070



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



104.6770, -0.3338, -33.0427



130.8550, -0.4215, -51.6158



102.2610, 10.7173, -30.9239



58.9780, 0.0108, -3.4887



82.6090, -0.7932, -72.4481



166.6200, -1.2917, -146.1257

Inverse Universe

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



86.3230, 0.3338, 33.0427



102.1450, 0.4215, 51.6158



88.7390, -10.7173, 30.9239



57.0220, -0.0108, 3.4887



42.3910, 0.7932, 72.4481



85.4940, 1.7285, 146.0258

Previews

White Background



This preview shows how the YUV color 104.6770, -0.3338, -33.0427 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 104.6770, -0.3338, -33.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

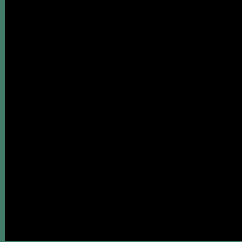
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6770, -0.3338, -33.0427

Background



This preview shows how black text looks on a background with the YUV color 104.6770, -0.3338, -33.0427.



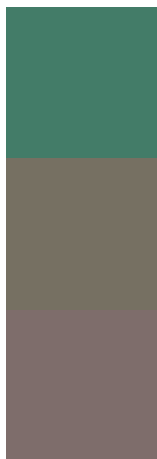
This preview shows how white text looks on a background with the YUV color 104.6770, -0.3338, -33.0427.

-33.0427.

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

104.6770, -0.3338, -33.0427

Protanopia

112.1980, -6.9996, 5.0884

Deuteranopia

113.8550, -3.3795, 10.6512



Tritanopia

107.3860, 11.1487, -29.2795

Trichromacy



Original Color

104.6770, -0.3338, -33.0427

Protanomaly

109.0930, -4.4828, -8.8516

Deuteranomaly

110.3970, -2.1677, -4.7332

Tritanomaly

106.0500, 7.3704, -30.7388

Monochromacy



Original Color

104.6770, -0.3338, -33.0427

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9230, 0.0380, -12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6770, -0.3338, -33.0427 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(67, 124, 104)` looks like.

```
.text, #text, p{  
    color:rgb(67, 124, 104)  
}
```

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(67, 124, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 124, 104) }
```

Border

The CSS property to change the border of an element to YUV 104.6770, -0.3338, -33.0427 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(67, 124, 104) }
```


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

```
.border{ border-color:rgb(67, 124, 104) }
```

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

Here you see how a box with a 4 pixel rgb(67, 124, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 124, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 124, 104);  
box-shadow:4px 4px 4px 4px rgb(67, 124,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 104.6770, -0.3338, -33.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 124, 104) }
```

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

```
.background{ background-color: rgb(67, 124,  
104) }
```

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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