

Converting Colors

YUV(86.7510, 7.5178, -31.3536)

Have a look what the booklet for
YUV(86.7510, 7.5178, -31.3536)
contains.

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Color

**YUV(86.7510, 7.5178,
-31.3536)**

Conversions

Conversions Part 1

Format	Color
Hex	336666
RGB	51, 102, 102
RGB Percent	20%, 40%, 40%
CMY	0.8000, 0.6000, 0.6000
CMYK	0.50, 0.00, 0.00, 0.60
HSL	180°, 33%, 30%
HSV	180°, 50%, 40%
XYZ	8.5149, 11.1659, 14.2768
YIQ	86.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

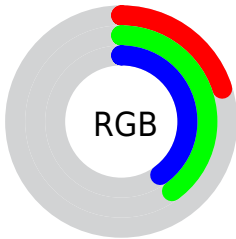
Format	Color
RYB	51, 77, 102
Decimal	3368550
CIELab	39.86, -17.04, -5.30
CIELCh	40, 17.848, 197.270
Yxy	11.1659, 0.2508, 0.3288
Android (android.graphics.Color)	4281558630 (0xFF336666)
YUV	86.7510, 7.5178, -31.3536
Hunter-Lab	33.4154, -12.9916, -1.9411

Details

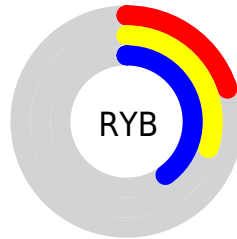
The YUV color **86.7510, 7.5178, -31.3536** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.2490, -7.5178, 31.3536**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7510, 7.5178, -31.3536**, and **38.5550, 8.1074, -33.8127** is the 20% darker color. If you saturate the color by 10%, you get **83.7610, 8.9918, -37.5014**, and if you desaturate by 10%, it is **89.7410, 6.0437, -25.2059**.

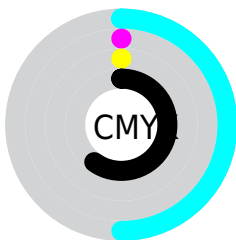
Distribution



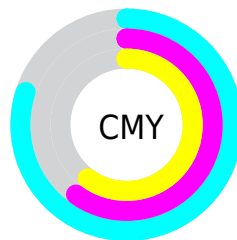
- Red (20%)
- Green (40%)
- Blue (40%)



- Red (20%)
- Yellow (30%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7510, 7.5178, -31.3536 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 86.7510, 7.5178, -31.3536 by changing the saturation by 10% instead.

86.7510, 7.5178,
-31.3536

86.7510, 7.5178,
-31.3536

255.0000, 0.0000,
0.0000

62.1530, 7.8126,
-32.5832

137.7510, 7.5178,
-31.3536

38.5550, 8.1074,
-33.8127

164.4520, 7.6652,
-31.9684

23.2470, 5.3012,
-20.3876

192.0390, 7.3758,
-32.4832

1.3680, 5.2416,
-1.1997

219.7400, 7.5232,
-33.0980

0.0000, 0.0000,
0.0000

241.8440, 6.4859,
-27.0502

250.2160, 2.3585,

-9.8364

■ 86.7510, 7.5178,
-31.3536

■ 86.7510, 7.5178,
-31.3536

■ 83.7610, 8.9918,
-37.5014

■ 89.7410, 6.0437,
-25.2059

■ 80.7710, 10.4659,
-43.6492

■ 92.7310, 4.5696,
-19.0581

■ 77.4820, 12.0874,
-50.4117

■ 96.0200, 2.9481,
-12.2955

■ 74.4920, 13.5614,
-56.5595

■ 99.0100, 1.4741,
-6.1478

■ 71.5020, 15.0355,
-62.7073

■ 102.0000, 0.0000,
0.0000

■ 104.9900, -1.4741,
6.1478

■ 107.9800, -2.9481,
12.2955

■ 111.2690, -4.5696,
19.0581

■ 114.2590, -6.0437,
25.2059

Harmonies

Analogous

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



88.6290, -0.8031, -22.4766



86.7510, 7.5178, -31.3536



87.3580, 13.6275, -31.0090

Triad

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



86.7510, 7.5178, -31.3536



95.7590, 8.9928, 8.9814



93.8310, -13.7207, 14.1802

Complementary

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



86.7510, 7.5178, -31.3536



66.2490, -7.5178, 31.3536

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.



94.6840, -10.6902, 22.2021



86.7510, 7.5178, -31.3536



96.4030, 2.2663, 19.8176

Square

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



86.7510, 7.5178, -31.3536



94.2240, 13.6936, -5.4584



95.3020, -4.5859, 24.2911



92.5800, -13.1039, 2.9993

Rectangle

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



86.7510, 7.5178, -31.3536



89.4450, 15.0636, -24.9463



95.3020, -4.5859, 24.2911



93.9670, -13.2947, 17.5689

Sweetspot

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



86.7510, 7.5178, -31.3536



127.0200, 2.9481, -12.2955



80.9370, -14.7589, -26.2547



62.4120, 1.7689, -7.3773



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



86.7510, 7.5178, -31.3536



109.0800, 11.7926, -49.1822



72.0760, 14.7525, -18.4837



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Inverse Universe

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



72.0630, 14.7589, 26.2547



86.0400, 23.1513, 41.1839



81.5110, -15.0419, 17.9689



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 86.7510, 7.5178, -31.3536 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 86.7510, 7.5178, -31.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

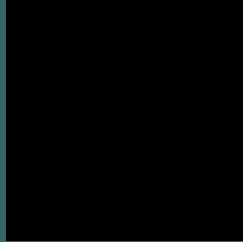
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7510, 7.5178, -31.3536

Background



This preview shows how black text looks on a background with the YUV color 86.7510, 7.5178, -31.3536.



This preview shows how white text looks on a background with the YUV color 86.7510, 7.5178,

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

86.7510, 7.5178, -31.3536

Protanopia

93.7550, 1.5998, 0.2149

Deuteranopia

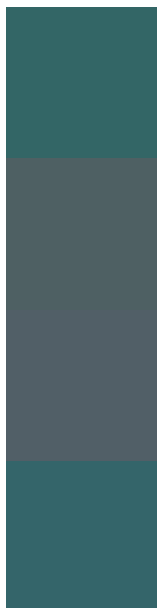
94.5750, 4.6465, 3.0037



Tritanopia

87.5600, 10.5699, -30.3091

Trichromacy



Original Color

86.7510, 7.5178, -31.3536

Protanomaly

90.9600, 3.9637, -11.3659

Deuteranomaly

91.7260, 5.5581, -9.4067

Tritanomaly

86.9190, 9.4069, -30.6240

Monochromacy



Original Color

86.7510, 7.5178, -31.3536

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6180, 2.6533, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7510, 7.5178, -31.3536 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(51, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(51, 102, 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(51, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 102, 102) }
```

Border

The CSS property to change the border of an element to YUV 86.7510, 7.5178, -31.3536 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(51, 102, 102) }
```


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

```
.border{ border-color:rgb(51, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(51, 102,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 86.7510, 7.5178, -31.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 102, 102) }
```

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

```
.background{ background-color: rgb(51, 102,  
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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