

Converting Colors

YUV(87.3360, -3.1236, -24.8507)

Have a look what the booklet for
YUV(87.3360, -3.1236, -24.8507)
contains.

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Color

**YUV(87.3360, -3.1236,
-24.8507)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6751
RGB	59, 103, 81
RGB Percent	23%, 40%, 32%
CMY	0.7686, 0.5961, 0.6824
CMYK	0.43, 0.00, 0.21, 0.60
HSL	150°, 27%, 32%
HSV	150°, 43%, 40%
XYZ	8.1391, 11.2244, 9.5221
YIQ	87.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

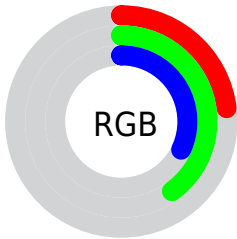
Format	Color
RYB	59, 88, 103
Decimal	3893073
CIELab	39.96, -20.80, 7.70
CIELCh	40, 22.183, 159.686
Yxy	11.2244, 0.2818, 0.3886
Android (android.graphics.Color)	4282083153 (0xFF3B6751)
YUV	87.3360, -3.1236, -24.8507
Hunter-Lab	33.5028, -15.2656, 6.6006

Details

The YUV color **87.3360, -3.1236, -24.8507** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.6640, 3.1236, 24.8507**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8090, -3.8498, -25.2655**, and **39.9660, -1.9552, -26.2802** is the 20% darker color. If you saturate the color by 10%, you get **83.7760, -3.8336, -30.4986**, and if you desaturate by 10%, it is **90.8960, -2.4137, -19.2028**.

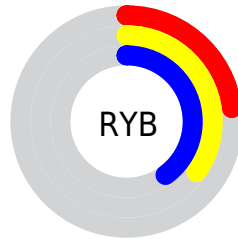
Distribution



Red (23%)

Green (40%)

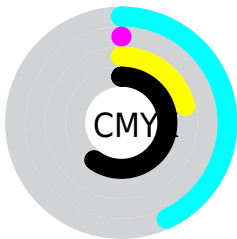
Blue (32%)



Red (23%)

Yellow (35%)

Blue (40%)

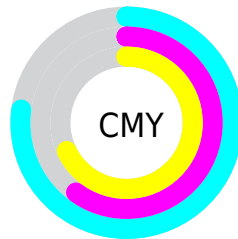


Cyan (43%)

Magenta (0%)

Yellow (21%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3360, -3.1236, -24.8507 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 87.3360, -3.1236, -24.8507 by changing the saturation by 10% instead.

87.3360, -3.1236,
-24.8507

87.3360, -3.1236,
-24.8507

255.0000, 0.0000,
0.0000

63.4500, -2.6868,
-24.9506

137.8090, -3.8498,
-25.2655

39.9660, -1.9552,
-26.2802

164.0970, -3.9918,
-26.3951

21.7820, -2.8505,
-19.1028

191.6840, -4.2812,
-26.9099

0.0000, 0.0000,
0.0000

219.3850, -4.1338,
-27.5246

241.8140, -1.3873,
-21.7619

252.0100, 1.4741,

-6.1478

■ 87.3360, -3.1236,
-24.8507

■ 87.3360, -3.1236,
-24.8507

■ 83.7760, -3.8336,
-30.4986

■ 90.8960, -2.4137,
-19.2028

■ 79.9170, -4.3961,
-36.7612

■ 94.7550, -1.8512,
-12.9401

■ 76.3570, -5.1060,
-42.4091

■ 98.3150, -1.1413,
-7.2923

■ 72.6830, -6.2527,
-47.9570

■ 101.9890, 0.0054,
-1.7444

■ 69.1230, -6.9626,
-53.6049

■ 105.8480, 0.5679,
4.5183

■ 66.3890, -7.0938,
-58.2232

■ 109.4080, 1.2779,
10.1662

■ 112.9680, 1.9878,
15.8141

■ 116.5280, 2.6977,
21.4619

■ 120.3870, 3.2602,
27.7246

Harmonies

Analogous

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



90.4430, -12.0504, -8.2815



87.3360, -3.1236, -24.8507



83.8100, 7.9817, -40.1754

Triad

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



87.3360, -3.1236, -24.8507



93.3200, 18.0832, -13.4356



95.2010, -11.4381, 28.7647

Complementary

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



87.3360, -3.1236, -24.8507



74.6640, 3.1236, 24.8507

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.



95.9760, -3.4392, 29.8390



87.3360, -3.1236, -24.8507



96.0730, 12.7820, 6.9520

Square

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



87.3360, -3.1236, -24.8507



87.6550, 19.8901, -33.0234



96.8100, 5.0237, 22.0916



94.1800, -16.3577, 20.0131

Rectangle

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



87.3360, -3.1236, -24.8507



82.3730, 14.1131, -46.8081



96.8100, 5.0237, 22.0916



95.4830, -9.1121, 29.3944

Sweetspot

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



87.3360, -3.1236, -24.8507



128.8910, -1.4253, -9.5514



91.4060, -15.9762, -9.1261



65.0270, -0.9993, -6.1627



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.



87.3360, -3.1236, -24.8507



110.4930, -4.6800, -39.0204



89.8440, 6.4859, -27.0502



49.1630, -0.5734, -2.7740



74.0030, -8.3825, -64.9006



155.8480, -17.1801, -136.6787

Inverse Universe

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



74.6640, 3.1236, 24.8507



90.6210, 5.1168, 38.9204



72.1560, -6.4859, 27.0502



47.7230, 0.1366, 2.8739



40.8830, 7.9457, 65.0006



86.1520, 17.1801, 136.6787

Previews

White Background



This preview shows how the YUV color 87.3360, -3.1236, -24.8507 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 87.3360, -3.1236, -24.8507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

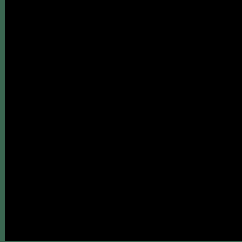
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3360, -3.1236, -24.8507

Background



This preview shows how black text looks on a background with the YUV color 87.3360, -3.1236, -24.8507.



This preview shows how white text looks on a background with the YUV color 87.3360, -3.1236, -24.8507.

-24.8507.

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

87.3360, -3.1236, -24.8507

Protanopia

93.4430, -8.5994, 4.8735

Deuteranopia

94.1000, -4.9793, 10.4363



Tritanopia

89.7460, 8.5062, -21.7022

Trichromacy



Original Color

87.3360, -3.1236, -24.8507

Protanomaly

90.9470, -6.3829, -6.0925

Deuteranomaly

91.8380, -4.3571, -2.4889

Tritanomaly

88.7090, 4.5805, -22.5468

Monochromacy



Original Color

87.3360, -3.1236, -24.8507

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3040, -1.1359, -9.0366

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3360, -3.1236, -24.8507 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(59, 103, 81)` looks like.

```
.text, #text, p{  
    color:rgb(59, 103, 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(59, 103, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 103, 81) }
```

Border

The CSS property to change the border of an element to YUV 87.3360, -3.1236, -24.8507 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(59, 103, 81) }
```


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

```
.border{ border-color:rgb(59, 103, 81) }
```

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

Here you see how a box with a 4 pixel rgb(59, 103, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 103, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 103, 81);  
box-shadow:4px 4px 4px 4px rgb(59, 103,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 87.3360, -3.1236, -24.8507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 103, 81) }
```

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

```
.background{ background-color: rgb(59, 103,  
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](#).

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