

Converting Colors

YUV(87.1560, 16.6851,
-31.7088)

Have a look what the booklet for
YUV(87.1560, 16.6851, -31.7088)
contains.

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Color

**YUV(87.1560, 16.6851,
-31.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	336379
RGB	51, 99, 121
RGB Percent	20%, 39%, 47%
CMY	0.8000, 0.6118, 0.5255
CMYK	0.58, 0.18, 0.00, 0.53
HSL	199°, 41%, 34%
HSV	199°, 58%, 47%
XYZ	9.2783, 11.0080, 19.7249
YIQ	87.1560, -35.6700, -3.3340

Conversions

Conversions Part 2

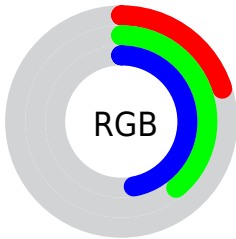
Format	Color
RYB	51, 79, 121
Decimal	3367801
CIELab	39.59, -9.41, -17.31
CIELCh	40, 19.705, 241.484
Yxy	11.0080, 0.2319, 0.2751
Android (android.graphics.Color)	4281557881 (0xFF336379)
YUV	87.1560, 16.6851, -31.7088
Hunter-Lab	33.1783, -8.1446, -12.0239




Details

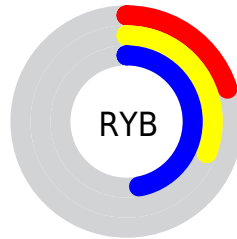
The YUV color **87.1560, 16.6851, -31.7088** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.8440, -16.6851, 31.7088**, and the grayscale version is **87.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **138.5690, 16.9745, -31.1940**, and **38.7320, 16.4011, -33.9680** is the 20% darker color. If you saturate the color by 10%, you get **81.2200, 19.6115, -37.0269**, and if you desaturate by 10%, it is **93.0920, 13.7586, -26.3907**.

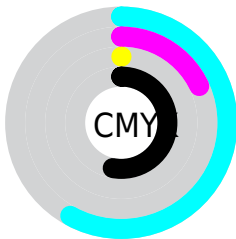
Distribution







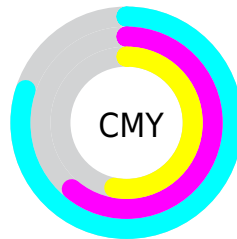
-  Red (20%)
-  Green (39%)
-  Blue (47%)






-  Red (20%)
-  Yellow (31%)
-  Blue (47%)



-  Cyan (58%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (61%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1560, 16.6851, -31.7088 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 87.1560, 16.6851, -31.7088 by changing the saturation by 10% instead.

87.1560, 16.6851,
-31.7088

87.1560, 16.6851,
-31.7088

255.0000, 0.0000,
0.0000

61.5470, 16.9853,
-34.6827

138.5690, 16.9745,
-31.1940

38.7320, 16.4011,
-33.9680

165.0960, 17.7007,
-30.7792

23.8970, 12.8688,
-20.9577

192.7970, 17.8481,
-31.3940

4.4800, 12.0884,
-3.9290

220.5690, 16.9745,
-31.1940

0.0000, 0.0000,
0.0000

242.4420, 6.1911,
-25.8206

251.1130, 1.9163,

-7.9921

■ 87.1560, 16.6851,
-31.7088

■ 87.1560, 16.6851,
-31.7088

■ 81.2200, 19.6115,
-37.0269

■ 93.0920, 13.7586,
-26.3907

■ 75.2840, 22.5380,
-42.3451

■ 99.0280, 10.8322,
-21.0726

■ 69.9350, 25.1750,
-48.1780

■ 104.3770, 8.1951,
-15.2396

■ 63.9990, 28.1015,
-53.4961

■ 110.3130, 5.2687,
-9.9215

■ 62.5150, 28.8331,
-54.8257

■ 116.2490, 2.3422,
-4.6034

■ 122.4840, -0.7316,
1.3295

■ 128.4200, -3.6581,
6.6477

■ 133.7690, -6.2951,
12.4806

■ 139.7050, -9.2216,
17.7987

Harmonies

Analogous

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



84.5590, 12.0494, -38.2012



87.1560, 16.6851, -31.7088



91.2550, 16.6363, -16.0096

Triad

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



87.1560, 16.6851, -31.7088



95.2250, -1.0969, 25.2357



90.4760, -12.0667, -3.0485

Complementary

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



87.1560, 16.6851, -31.7088



84.8440, -16.6851, 31.7088

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.



92.6410, -15.5990, 9.9618



87.1560, 16.6851, -31.7088



94.8740, -8.8119, 26.4205

Square

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



87.1560, 16.6851, -31.7088



95.8200, 6.4977, 15.9439



93.5760, -13.5950, 20.5428



88.3970, -5.6187, -17.8882

Rectangle

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



87.1560, 16.6851, -31.7088



94.0500, 14.2724, -4.4288



93.5760, -13.5950, 20.5428



91.3410, -13.9721, 1.4549

Sweetspot

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



87.1560, 16.6851, -31.7088



145.2310, 6.2951, -12.4806



94.4840, -11.0846, -38.1355



71.2810, 3.8055, -7.2624



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



87.1560, 16.6851, -31.7088



105.4510, 25.9067, -49.5075



67.1980, 26.5244, -14.2056



58.0320, 1.4632, -2.6591



64.7320, 29.7121, -56.7700



130.2790, 60.0085, -114.2547

Inverse Universe

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



77.4020, 10.6478, 38.2354



90.1410, 16.6925, 59.5123



104.8020, -26.5244, 14.2056



57.2500, 0.8628, 3.2887



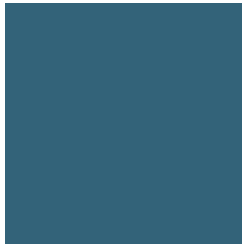
47.1790, 19.1388, 68.2490



95.0700, 38.4195, 137.6276

Previews

White Background



This preview shows how the YUV color 87.1560, 16.6851, -31.7088 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 87.1560, 16.6851, -31.7088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

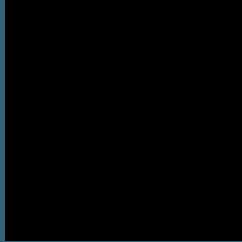
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.1560, 16.6851, -31.7088

Background



This preview shows how black text looks on a background with the YUV color 87.1560, 16.6851, -31.7088.

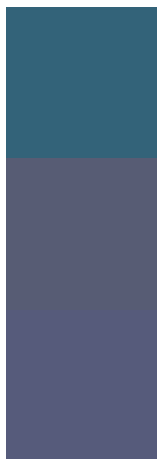


This preview shows how white text looks on a background with the YUV color 87.1560, 16.6851,

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

87.1560, 16.6851, -31.7088

Protanopia

93.2410, 11.2202, -5.4734

Deuteranopia

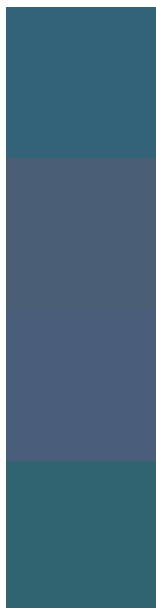
93.1530, 14.7146, -6.2732



Tritanopia

85.4670, 11.6018, -34.6126

Trichromacy



Original Color

87.1560, 16.6851, -31.7088

Protanomaly

91.3430, 13.1419, -15.2098

Deuteranomaly

90.9130, 15.3259, -15.7097

Tritanomaly

85.9340, 13.3435, -33.2681

Monochromacy



Original Color

87.1560, 16.6851, -31.7088

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1560, 16.6851, -31.7088 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, 99, 121)` looks like.

```
.text, #text, p{  
    color:rgb(51, 99, 121)  
}
```

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, 99, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 99, 121) }
```

Border

The CSS property to change the border of an element to YUV 87.1560, 16.6851, -31.7088 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, 99, 121) }
```


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

```
.border{ border-color:rgb(51, 99, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 99, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(51, 99,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 87.1560, 16.6851, -31.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 99, 121) }
```

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

```
.background{ background-color: rgb(51, 99,  
121) }
```

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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