

Converting Colors

YUV(87.0900, 3.4066, -19.3729)

Have a look what the booklet for
YUV(87.0900, 3.4066, -19.3729)
contains.

YUV(87.0900, 3.4066, -19.3729)	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(87.0900, 3.4066,
-19.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	41615E
RGB	65, 97, 94
RGB Percent	25%, 38%, 37%
CMY	0.7451, 0.6196, 0.6314
CMYK	0.33, 0.00, 0.03, 0.62
HSL	174°, 20%, 32%
HSV	174°, 33%, 38%
XYZ	8.4750, 10.4814, 12.1661
YIQ	87.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

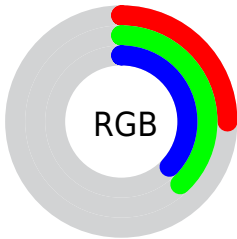
Format	Color
RYB	65, 82, 97
Decimal	4284766
CIELab	38.69, -12.37, -2.03
CIElCh	39, 12.534, 189.329
Yxy	10.4814, 0.2723, 0.3368
Android (android.graphics.Color)	4282474846 (0xFF41615E)
YUV	87.0900, 3.4066, -19.3729
Hunter-Lab	32.3749, -9.9287, 0.3820

Details

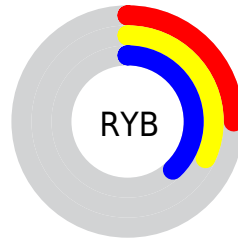
The YUV color $[87.0900, 3.4066, -19.3729]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[74.9100, -3.4066, 19.3729]$, and the grayscale version is $[87.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[137.3780, 3.2646, -20.5025]$, and $[41.0900, 3.4066, -19.3729]$ is the 20% darker color. If you saturate the color by 10%, you get $[83.9860, 4.4439, -25.4207]$, and if you desaturate by 10%, it is $[90.1940, 2.3694, -13.3251]$.

Distribution



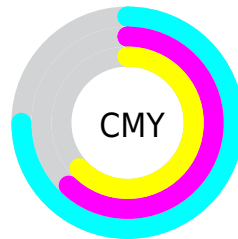
- Red (25%)
- Green (38%)
- Blue (37%)



- Red (25%)
- Yellow (32%)
- Blue (38%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (62%)



- Cyan (75%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0900, 3.4066, -19.3729 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 87.0900, 3.4066, -19.3729 by changing the saturation by 10% instead.

87.0900, 3.4066,
-19.3729

87.0900, 3.4066,
-19.3729

255.0000, 0.0000,
0.0000

63.3890, 3.2592,
-18.7582

137.3780, 3.2646,
-20.5025

41.0900, 3.4066,
-19.3729

163.4920, 3.7014,
-20.6025

20.6880, 3.1118,
-18.1434

191.0790, 3.4121,
-21.1173

0.0000, 0.0000,
0.0000

218.7800, 3.5595,
-21.7321

245.1330, 4.8644,
-20.2876

253.8040, 0.5896,

-2.4591

■ 87.0900, 3.4066,
-19.3729

■ 87.0900, 3.4066,
-19.3729

■ 83.9860, 4.4439,
-25.4207

■ 90.1940, 2.3694,
-13.3251

■ 81.1810, 5.3338,
-30.8537

■ 92.9990, 1.4795,
-7.8921

■ 78.0770, 6.3710,
-36.9015

■ 96.1030, 0.4422,
-1.8443

■ 74.9730, 7.4083,
-42.9493

■ 99.2070, -0.5951,
4.2035

■ 72.1680, 8.2982,
-48.3823

■ 102.3110, -1.6323,
10.2513

■ 69.1780, 9.7722,
-54.5301

■ 105.0020, -2.9590,
15.7842

■ 66.9710, 10.3673,
-58.7336

■ 108.1060, -3.9963,
21.8320

■ 111.2100, -5.0335,
27.8798

■ 114.0150, -5.9234,
33.3128

Harmonies

Analogous

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



87.7550, -1.8512, -12.9401



87.0900, 3.4066, -19.3729



87.3440, 8.2114, -20.4727

Triad

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



87.0900, 3.4066, -19.3729



92.2700, 7.2619, 4.1482



91.2590, -9.4947, 12.0509

Complementary

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



87.0900, 3.4066, -19.3729



74.9100, -3.4066, 19.3729

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.



92.0900, -6.4534, 16.5841



87.0900, 3.4066, -19.3729



93.1740, 2.8722, 12.1254

Square

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



87.0900, 3.4066, -19.3729



91.1870, 9.7678, -6.3030



92.8280, -2.3802, 16.8138



90.2150, -9.4730, 5.0734

Rectangle

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



87.0900, 3.4066, -19.3729



88.4090, 9.6584, -17.8987



92.8280, -2.3802, 16.8138



91.7970, -8.7739, 14.2100

Sweetspot

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



87.0900, 3.4066, -19.3729



120.9990, 1.4795, -7.8921



84.6810, -9.7027, -14.6292



61.4940, 0.7425, -4.8182



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



87.0900, 3.4066, -19.3729



109.4800, 5.1864, -30.2390



79.8010, 8.4791, -12.9805



46.8040, 0.5896, -2.4591



77.3720, 12.1416, -67.8552



165.6180, 25.3313, -145.2470

Inverse Universe

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



74.9100, -3.4066, 19.3729



90.5200, -5.1864, 30.2390



82.1990, -8.4791, 12.9805



45.1960, -0.5896, 2.4591



34.7420, -11.7048, 67.7553



74.2680, -25.7681, 145.3470

Previews

White Background



This preview shows how the YUV color 87.0900, 3.4066, -19.3729 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 87.0900, 3.4066, -19.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

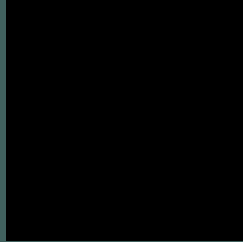
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0900, 3.4066, -19.3729

Background



This preview shows how black text looks on a background with the YUV color 87.0900, 3.4066, -19.3729.



This preview shows how white text looks on a background with the YUV color 87.0900, 3.4066, -19.3729.

-19.3729.

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

87.0900, 3.4066, -19.3729

Protanopia

90.5980, -0.2948, 1.2296

Deuteranopia

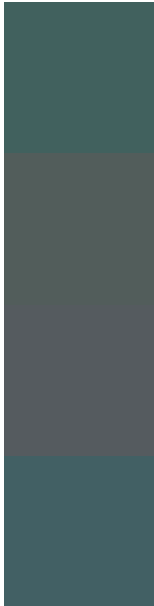
91.6030, 2.1677, 4.7332



Tritanopia

88.1270, 7.3324, -18.5284

Trichromacy



Original Color

87.0900, 3.4066, -19.3729

Protanomaly

89.4830, 0.7479, -6.5626

Deuteranomaly

89.6620, 2.6316, -4.0886

Tritanomaly

87.4860, 6.1694, -18.8432

Monochromacy



Original Color

87.0900, 3.4066, -19.3729

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2980, 1.3321, -7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0900, 3.4066, -19.3729 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(65, 97, 94)` looks like.

```
.text, #text, p{  
    color:rgb(65, 97, 94)  
}
```

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(65, 97, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 97, 94) }
```

Border

The CSS property to change the border of an element to YUV 87.0900, 3.4066, -19.3729 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(65, 97, 94) }
```


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

```
.border{ border-color:rgb(65, 97, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 97, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 97, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 97, 94);  
box-shadow:4px 4px 4px 4px rgb(65, 97, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.0900, 3.4066, -19.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 97, 94) }
```

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

```
.background{ background-color: rgb(65, 97,  
94) }
```

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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