

Converting Colors

YUV(68.6370, -19.0480,
89.7724)

Have a look what the booklet for
YUV(68.6370, -19.0480, 89.7724)
contains.

YUV(68.6370, -19.0480, 89.7724)	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(68.6370, -19.0480,
89.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	AB181E
RGB	171, 24, 30
RGB Percent	67%, 9%, 12%
CMY	0.3294, 0.9059, 0.8824
CMYK	0.00, 0.86, 0.82, 0.33
HSL	358°, 75%, 38%
HSV	358°, 86%, 67%
XYZ	17.3556, 9.4049, 2.1289
YIQ	68.6370, 85.6860, 33.0300

Conversions

Conversions Part 2

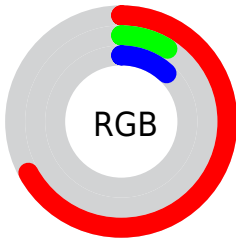
Format	Color
R_{YB}	171, 24, 30
Decimal	11212830
CIE Lab	36.75, 56.28, 37.07
CIE LCh	37, 67.395, 33.373
Yxy	9.4049, 0.6008, 0.3255
Android (android.graphics.Color)	4289402910 (0xFFAB181E)
YUV	68.6370, -19.0480, 89.7724
Hunter-Lab	30.6675, 47.3500, 17.3514

Details

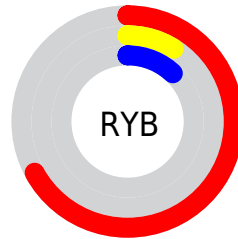
The YUV color **68.6370, -19.0480, 89.7724** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **126.3630, 19.0480, -89.7724**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9980, -26.6210, 92.0868**, and **32.8900, -16.2148, 67.6255** is the 20% darker color. If you saturate the color by 10%, you get **56.8340, -21.1172, 100.1236**, and if you desaturate by 10%, it is **80.4400, -16.9789, 79.4211**.

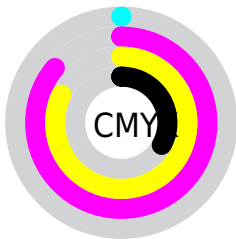
Distribution



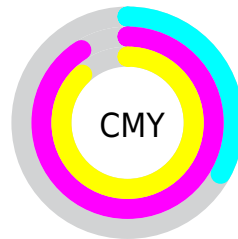
- Red (67%)
- Green (9%)
- Blue (12%)



- Red (67%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (86%)
- Yellow (82%)
- Black (33%)



- Cyan (33%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.6370, -19.0480, 89.7724 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 68.6370, -19.0480, 89.7724 by changing the saturation by 10% instead.

■ 68.6370, -19.0480,
89.7724

■ 68.6370, -19.0480,
89.7724

255.0000, 0.0000,
0.0000

■ 42.7720, -17.1426,
85.2690

■ 128.9980,
-26.6210, 92.0868

■ 32.8900, -16.2148,
67.6255

■ 154.4490,
-27.3364, 88.1832

■ 23.6210, -11.6452,
48.5674

■ 173.7350,
-24.5194, 71.2694

■ 15.7760, -6.7916,
31.7684

■ 193.1350,
-21.2656, 54.2556

■ 0.0000, 0.0000,
0.0000

■ 213.2360,
-17.8643, 36.6270

■ 233.4510,

-14.0263, 18.8985

252.4920, -9.6096,
2.1995

68.6370, -19.0480,
89.7724

68.6370, -19.0480,
89.7724

56.8340, -21.1172,
100.1236

80.4400, -16.9789,
79.4211

51.9270, -22.1490,
104.4270

92.3570, -14.4730,
68.9699

104.1600,
-12.4039, 58.6187

116.0770, -9.8980,
48.1675

127.8800, -7.8288,
37.8162

■ 140.2700, -6.0491,
26.9502

■ 152.1870, -3.5432,
16.4990

■ 163.9900, -1.4741,
6.1478

■ 175.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



62.3850, 10.1632, 100.5174



68.6370, -19.0480, 89.7724



80.3250, -39.6002, 54.9660

Triad

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



68.6370, -19.0480, 89.7724



65.9840, -16.2611, -57.8680



76.4620, 59.4252, -67.0572

Complementary

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



68.6370, -19.0480, 89.7724



126.3630, 19.0480, -89.7724

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.



82.0240, 50.2742, -71.9350



68.6370, -19.0480, 89.7724



73.7700, 8.4944, -64.6963

Square

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



68.6370, -19.0480, 89.7724



70.6710, -34.8408, -25.1445



79.9260, 32.0815, -70.0951



86.2210, 45.2470, 0.6832

Rectangle

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



68.6370, -19.0480, 89.7724



81.6440, -40.2505, 30.1302



79.9260, 32.0815, -70.0951



79.2830, 57.5415, -69.5312

Sweetspot

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



68.6370, -19.0480, 89.7724



181.6840, -7.2392, 35.3571



82.6180, 43.5723, 71.3720



87.6930, -4.2856, 21.3172



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



68.6370, -19.0480, 89.7724



67.4040, -28.7932, 135.5807



106.6950, -40.7686, 56.3955



80.6910, -1.3267, 5.5330



45.5340, -19.4903, 91.6167



6.9910, -2.9536, 14.0399

Inverse Universe

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



68.6370, -19.0480, 89.7724



67.4040, -28.7932, 135.5807



88.3050, 40.7686, -56.3955



80.6910, -1.3267, 5.5330



45.5340, -19.4903, 91.6167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 68.6370, -19.0480, 89.7724 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 68.6370, -19.0480, 89.7724

Background



This preview shows how black text looks on a background with the YUV color 68.6370, -19.0480, 89.7724.



This preview shows how white text looks on a background with the YUV color 68.6370, -19.0480,

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

68.6370, -19.0480, 89.7724

Protanopia

85.9030, -19.6722, 9.7321

Deuteranopia

84.0930, -34.5558, 23.5974



Tritanopia

68.4260, -22.3950, 89.9574

Trichromacy



Original Color

68.6370, -19.0480, 89.7724

Protanomaly

79.7910, -19.6170, 38.7713

Deuteranomaly

78.4410, -28.8114, 47.8482

Tritanomaly

68.7680, -21.0846, 89.6575

Monochromacy



Original Color

68.6370, -19.0480, 89.7724

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0750, -6.9390, 32.3832

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6370, -19.0480, 89.7724 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(171, 24, 30)` looks like.

```
.text, #text, p{  
    color:rgb(171, 24, 30)  
}
```

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(171, 24, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 24, 30) }
```

Border

The CSS property to change the border of an element to YUV 68.6370, -19.0480, 89.7724 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(171, 24, 30) }
```


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

```
.border{ border-color:rgb(171, 24, 30) }
```

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

Here you see how a box with a 4 pixel rgb(171, 24, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 24, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 24, 30);  
box-shadow:4px 4px 4px 4px rgb(171, 24,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 68.6370, -19.0480, 89.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 24, 30) }
```

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

```
.background{ background-color: rgb(171, 24,  
30) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor