

Converting Colors

YUV(89.4370, 11.1236, 72.4078)

Have a look what the booklet for
YUV(89.4370, 11.1236, 72.4078)
contains.

YUV(89.4370, 11.1236, 72.4078)	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(89.4370, 11.1236,
72.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	AC2B70
RGB	172, 43, 112
RGB Percent	67%, 17%, 44%
CMY	0.3255, 0.8314, 0.5608
CMYK	0.00, 0.75, 0.35, 0.33
HSL	328°, 60%, 42%
HSV	328°, 75%, 67%
XYZ	20.8018, 11.6683, 16.4851
YIQ	89.4370, 54.7350, 48.8070

Conversions

Conversions Part 2

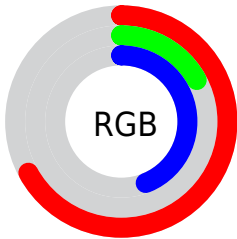
Format	Color
R_{YB}	172, 43, 112
Decimal	11283312
CIE Lab	40.68, 56.99, -8.86
CIE LCh	41, 57.675, 351.158
Yxy	11.6683, 0.4249, 0.2383
Android (android.graphics.Color)	4289473392 (0xFFAC2B70)
YUV	89.4370, 11.1236, 72.4078
Hunter-Lab	34.1588, 48.9235, -4.7022

Details

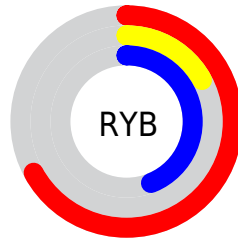
The YUV color **89.4370, 11.1236, 72.4078** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **125.5630, -11.1236, -72.4078**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0520, 8.3554, 73.6224**, and **41.6810, 11.0033, 64.3008** is the 20% darker color. If you saturate the color by 10%, you get **78.5460, 12.5488, 81.9592**, and if you desaturate by 10%, it is **100.3280, 9.6983, 62.8563**.

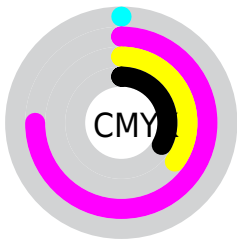
Distribution



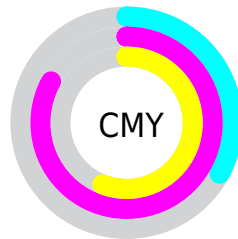
- Red (67%)
- Green (17%)
- Blue (44%)



- Red (67%)
- Yellow (17%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (35%)
- Black (33%)





- Cyan (33%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.4370, 11.1236, 72.4078 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 89.4370, 11.1236, 72.4078 by changing the saturation by 10% instead.


 89.4370, 11.1236,
72.4078


 89.4370, 11.1236,
72.4078


255.0000, 0.0000,
0.0000


 52.7890, 17.3590,
79.1150

 147.0520, 8.3554,
73.6224


 41.6810, 11.0033,
64.3008


 173.1550, 8.7976,
71.7781


 30.8010, 5.5211,
49.2865

 192.7830, 12.9250,
54.5643

 21.0460, 0.4703,
35.9167

 212.9980, 16.7630,
36.8358

 9.0840, -3.9854,
18.3433

 230.3460, 12.1544,
21.6216

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

■ 89.4370, 11.1236,
72.4078

■ 89.4370, 11.1236,
72.4078

■ 78.5460, 12.5488,
81.9592

■ 100.3280, 9.6983,
62.8563

■ 67.6550, 13.9741,
91.5106

■ 111.2190, 8.2730,
53.3049

■ 61.9160, 14.8314,
96.5437

■ 122.6970, 6.5584,
43.2387

■ 133.5880, 5.1331,
33.6873

■ 144.4790, 3.7079,
24.1359

■ 155.3700, 2.2826,
14.5845

■ 166.2610, 0.8573,
5.0331

■ 177.7390, -0.8573,
-5.0331

■ 188.6300, -2.2826,
-14.5845

Harmonies

Analogous

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



97.7880, 28.6985, 35.2659



89.4370, 11.1236, 72.4078



87.0470, -10.8692, 79.7658

Triad

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



89.4370, 11.1236, 72.4078



86.4630, -42.6263, -1.2831



86.1840, 40.8283, -75.5834

Complementary

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



89.4370, 11.1236, 72.4078



125.5630, -11.1236, -72.4078

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.



83.3850, 22.4882, -73.1286



89.4370, 11.1236, 72.4078



69.4630, -19.4553, -60.0421

Square

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



89.4370, 11.1236, 72.4078



90.5150, -44.6239, 32.8743



77.2120, 1.3745, -67.7149



83.8820, 52.3162, -73.5645

Rectangle

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



89.4370, 11.1236, 72.4078



89.4420, -26.8399, 68.8954



77.2120, 1.3745, -67.7149



85.9900, 35.0079, -75.4132

Sweetspot

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



89.4370, 11.1236, 72.4078



191.3270, 4.2758, 28.6542



75.0480, 47.7973, 22.7599



92.2070, 2.8559, 17.3585



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.



89.4370, 11.1236, 72.4078



94.7100, 17.3980, 113.3873



82.2550, -16.3947, 78.7064



81.2610, 0.8573, 5.0331



53.9700, 12.8328, 84.2183



8.2450, 1.8512, 12.9401

Inverse Universe

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



89.4370, 11.1236, 72.4078



94.7100, 17.3980, 113.3873



132.7450, 16.3947, -78.7064



81.2610, 0.8573, 5.0331



53.9700, 12.8328, 84.2183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 89.4370, 11.1236, 72.4078 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



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 89.4370, 11.1236, 72.4078

Background



This preview shows how black text looks on a background with the YUV color 89.4370, 11.1236, 72.4078.



This preview shows how white text looks on a background with the YUV color 89.4370, 11.1236,

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

89.4370, 11.1236, 72.4078

Protanopia

96.2580, 25.5088, -15.1353

Deuteranopia

97.6460, 3.6255, 3.8185



Tritanopia

91.2320, -14.9044, 67.3255

Trichromacy



Original Color

89.4370, 11.1236, 72.4078

Protanomaly

93.7890, 20.3170, 16.8480

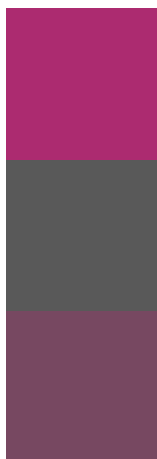
Deuteranomaly

94.3100, 6.7492, 28.6691

Tritanomaly

90.7620, -5.3057, 68.6147

Monochromacy



Original Color

89.4370, 11.1236, 72.4078

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9030, 3.9918, 26.3951

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4370, 11.1236, 72.4078 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(172, 43, 112)` looks like.

```
.text, #text, p{  
    color:rgb(172, 43, 112)  
}
```

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(172, 43, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 43, 112) }
```

Border

The CSS property to change the border of an element to YUV 89.4370, 11.1236, 72.4078 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(172, 43, 112) }
```


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

```
.border{ border-color:rgb(172, 43, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 43, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 43, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 43, 112);  
box-shadow:4px 4px 4px 4px rgb(172, 43,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 89.4370, 11.1236, 72.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 43, 112) }
```

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

```
.background{ background-color: rgb(172, 43,  
112) }
```

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