

Converting Colors

YUV(113.1970, 28.4969,
53.3242)

Have a look what the booklet for
YUV(113.1970, 28.4969, 53.3242)
contains.

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Color

**YUV(113.1970, 28.4969,
53.3242)**

Conversions

Conversions Part 1

Format	Color
Hex	AE47AB
RGB	174, 71, 171
RGB Percent	68%, 28%, 67%
CMY	0.3176, 0.7216, 0.3294
CMYK	0.00, 0.59, 0.02, 0.32
HSL	302°, 42%, 48%
HSV	302°, 59%, 68%
XYZ	27.0595, 16.4454, 40.2762
YIQ	113.1970, 29.2880, 52.9360

Conversions

Conversions Part 2

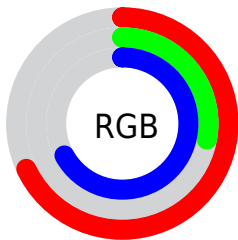
Format	Color
R_{YB}	174, 71, 171
Decimal	11421611
CIE _{Lab}	47.55, 54.99, -33.99
CIE _{LCh}	48, 64.647, 328.275
Yxy	16.4454, 0.3230, 0.1963
Android (android.graphics.Color)	4289611691 (0xFFAE47AB)
YUV	113.1970, 28.4969, 53.3242
Hunter-Lab	40.5530, 48.1388, -30.4983

Details

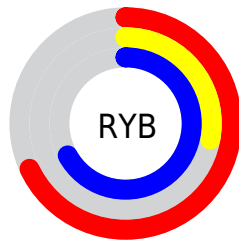
The YUV color **113.1970, 28.4969, 53.3242** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.8030, -28.4969, -53.3242**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6210, 28.7808, 55.5834**, and **51.3810, 32.8432, 59.3019** is the 20% darker color. If you saturate the color by 10%, you get **103.1040, 32.9797, 62.1758**, and if you desaturate by 10%, it is **123.2900, 24.0140, 44.4727**.

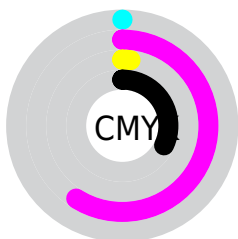
Distribution



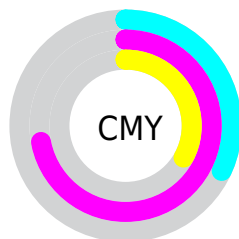
- Red (68%)
- Green (28%)
- Blue (67%)



- Red (68%)
- Yellow (28%)
- Blue (67%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (32%)



- Cyan (32%)
- Magenta (72%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1970, 28.4969, 53.3242 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 113.1970, 28.4969, 53.3242 by changing the saturation by 10% instead.

■ 113.1970, 28.4969,
53.3242

■ 113.1970, 28.4969,
53.3242

255.0000, 0.0000,
0.0000

■ 85.3110, 28.9337,
53.2243

■ 168.6210, 28.7808,
55.5834

■ 51.3810, 32.8432,
59.3019

■ 195.1260, 29.5179,
52.5095

■ 38.1100, 27.0608,
47.2615

■ 211.5620, 21.4149,
38.0951

■ 27.3010, 20.5576,
33.0620

■ 227.9980, 13.3120,
23.6808

■ 17.8020, 13.9016,
21.2216

■ 245.0210, 4.9196,
8.7516

■ 2.7360, 10.4832,
-2.3995

■ 0.0000, 0.0000,

0.0000

■ 113.1970, 28.4969,
53.3242

■ 113.1970, 28.4969,
53.3242

■ 103.1040, 32.9797,
62.1758

■ 123.2900, 24.0140,
44.4727

■ 92.5380, 38.1888,
71.4422

■ 133.8560, 18.8050,
35.2063

■ 82.4450, 42.6716,
80.2937

■ 143.9490, 14.3221,
26.3547

■ 71.8790, 47.8807,
89.5601

■ 154.5150, 9.1131,
17.0883

■ 71.2920, 48.1700,
90.0749

■ 164.6080, 4.6303,
8.2368

■ 174.5870, -0.2894,
-0.5148

■ 185.2670, -5.0616,
-9.8812

■ 195.2460, -9.9813,
-18.6327

■ 205.9260,
-14.7535, -27.9991

Harmonies

Analogous

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



112.8390, 47.9004, -10.3828



113.1970, 28.4969, 53.3242



103.5100, 7.1436, 89.0067

Triad

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



113.1970, 28.4969, 53.3242



105.5440, -52.0332, 29.3409



99.0010, 31.5515, -86.8239

Complementary

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



113.1970, 28.4969, 53.3242



131.8030, -28.4969, -53.3242

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.



92.1440, 7.8170, -80.8103



113.1970, 28.4969, 53.3242



98.5020, -48.5615, -10.9643

Square

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



113.1970, 28.4969, 53.3242



105.6870, -48.6527, 65.1725



83.8850, -16.2123, -73.5671



100.8540, 51.3440, -88.4490

Rectangle

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



113.1970, 28.4969, 53.3242



102.0640, -9.8916, 92.9059



83.8850, -16.2123, -73.5671



97.0630, 24.1259, -85.1243

Sweetspot

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



113.1970, 28.4969, 53.3242



202.8190, 11.4282, 21.2067



83.3400, 44.6954, -9.0682



100.2110, 6.7980, 12.9700



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



113.1970, 28.4969, 53.3242



131.9230, 44.4080, 83.3825



107.4970, 6.6570, 58.3231



81.6030, 2.1677, 4.7332



61.4940, 41.6615, 77.6198



9.3850, 6.2192, 11.9404

Inverse Universe

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



113.1970, 28.4969, 53.3242



131.9230, 44.4080, 83.3825



137.5030, -6.6570, -58.3231



81.6030, 2.1677, 4.7332



61.4940, 41.6615, 77.6198



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 113.1970, 28.4969, 53.3242 looks on a white background.

Color Contrast Check

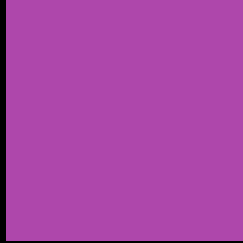
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.1970, 28.4969, 53.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

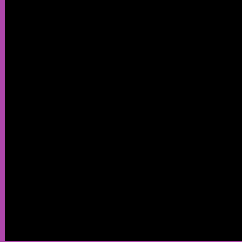
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.1970, 28.4969, 53.3242

Background



This preview shows how black text looks on a background with the YUV color 113.1970, 28.4969, 53.3242.



This preview shows how white text looks on a background with the YUV color 113.1970, 28.4969, 53.3242.

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

113.1970, 28.4969, 53.3242

Protanopia

107.7880, 48.4185, -36.6481

Deuteranopia

112.2470, 25.5142, -16.8796



Tritanopia

113.9240, -7.8505, 44.7937

Trichromacy



Original Color

113.1970, 28.4969, 53.3242



Protanomaly

109.7490, 41.0427, -4.1649



Deuteranomaly

112.4550, 26.8907, 8.3710



Tritanomaly

113.7900, 5.5265, 47.5422

Monochromacy



Original Color

113.1970, 28.4969, 53.3242



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.1670, 10.2707, 19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1970, 28.4969, 53.3242 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(174, 71, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 71, 171)  
}
```

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(174, 71, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 71, 171) }
```

Border

The CSS property to change the border of an element to YUV 113.1970, 28.4969, 53.3242 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(174, 71, 171) }
```


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

```
.border{ border-color:rgb(174, 71, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 71, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 71, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 71, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 71,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 113.1970, 28.4969, 53.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 71, 171) }
```

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

```
.background{ background-color: rgb(174, 71,  
171) }
```

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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